

A Service of



Leibniz-Informationszentrum Wirtschaft Leibniz Information Centre

Maupertuis, Marie-Antoinette; Giannoni, Sauveur

Working Paper

Environmental Quality and Long Run Tourism

Development a Cyclical Perspective for Small Island Tourist

Economies

Nota di Lavoro, No. 145.2005

Provided in Cooperation with:

Fondazione Eni Enrico Mattei (FEEM)

Suggested Citation: Maupertuis, Marie-Antoinette; Giannoni, Sauveur (2005): Environmental Quality and Long Run Tourism Development a Cyclical Perspective for Small Island Tourist Economies, Nota di Lavoro, No. 145.2005, Fondazione Eni Enrico Mattei (FEEM), Milano

This Version is available at: https://hdl.handle.net/10419/74099

Standard-Nutzungsbedingungen:

Die Dokumente auf EconStor dürfen zu eigenen wissenschaftlichen Zwecken und zum Privatgebrauch gespeichert und kopiert werden.

Sie dürfen die Dokumente nicht für öffentliche oder kommerzielle Zwecke vervielfältigen, öffentlich ausstellen, öffentlich zugänglich machen, vertreiben oder anderweitig nutzen.

Sofern die Verfasser die Dokumente unter Open-Content-Lizenzen (insbesondere CC-Lizenzen) zur Verfügung gestellt haben sollten, gelten abweichend von diesen Nutzungsbedingungen die in der dort genannten Lizenz gewährten Nutzungsrechte.

Terms of use:

Documents in EconStor may be saved and copied for your personal and scholarly purposes.

You are not to copy documents for public or commercial purposes, to exhibit the documents publicly, to make them publicly available on the internet, or to distribute or otherwise use the documents in public.

If the documents have been made available under an Open Content Licence (especially Creative Commons Licences), you may exercise further usage rights as specified in the indicated licence.





Environmental Quality and Long Run Tourism Development a Cyclical Perspective for Small Island Tourist Economies

Sauveur Giannoni and Marie-Antoinette Maupertuis

NOTA DI LAVORO 145.2005

NOVEMBER 2005

NRM – Natural Resources Management

Sauveur Giannoni and Marie-Antoinette Maupertuis, *IDIM Institut de l'Environnement Università di Corsica*

This paper can be downloaded without charge at:

The Fondazione Eni Enrico Mattei Note di Lavoro Series Index: http://www.feem.it/Feem/Pub/Publications/WPapers/default.htm

Social Science Research Network Electronic Paper Collection: http://ssrn.com/abstract=856044

The opinions expressed in this paper do not necessarily reflect the position of Fondazione Eni Enrico Mattei

Corso Magenta, 63, 20123 Milano (I), web site: www.feem.it, e-mail: working.papers@feem.it

Environmental Quality and Long Run Tourism Development a Cyclical Perspective for Small Island Tourist Economies

Summary

As tourism is becoming one of the most important sectors of the world economy, the number of small islands trying to develop a competitive tourist activity is increasing and this strategy appears as growth enhancing. In most cases, it is built on the environmental quality of the destination but also on lodging infrastructures and related services that tourists deserve in order to enjoy a good experience. This paper explores the intertemporal trade-off between tourist investments and environmental quality preservation needed to ensure population revenues in the long run. It highlights possible cyclical evolution of environmental quality, tourist infrastructures, investments and tourist frequentation.

Keywords: Tourism, Environment, Lifecycle, Islands

JEL Classification: O1, L83, Q26

This paper was presented at the Second International Conference on "Tourism and Sustainable Economic Development - Macro and Micro Economic Issues" jointly organised by CRENoS (Università di Cagliari and Sassari, Italy) and Fondazione Eni Enrico Mattei, Italy, and supported by the World Bank, Chia, Italy, 16-17 September 2005.

Address for correspondence:

Marie-Antoinette Maupertuis IDIM Università di Corsica BP 52 F-20250 Corti France

E-mail: maupertu@univ-corse.fr

1. Introduction

As tourism is becoming one of the most important sector of the world economy, the number of small islands trying to develop a competitive tourist activity is increasing (Logossah, 2004; Shareef, 2003). Observers have to recognize that an important part of these Small Island Tourist Economies² are successful (Lanza and al, 2003; Marques, 2003). Lanza and Pigliaru (2000) shown that seven over the fifteen fastest growing countries between 1985 and 1995 were tourist countries³ and that most of them were SITE as St Kitts and Nevis, Antigua and Barbuda or Cyprus. Because of their natural endowments, SITE are said to have some kind of advantage in the production of tourist goods and this implies that tourism is often seen by policy makers as the obvious way toward economic development (Crusol et alii, 1989).

Nonetheless tourism must not be conceived as a panacea as a study realized by the World Bank and the Commonwealth secretariat pointed out in 2000. In fact, even though tourism provides economic welfare gains (Copeland, 1991, Nowak, Sahli, 1999, Sinclair 1998) and constitutes a good engine of growth (Hazari and Sgro, 1995, Lanza and alii, 2003), it may also generate static and dynamic perverse effects. Recent theoretical literature has largelly explored negative economic consequences of tourism specialisation for small open economies: dependance to foreign capital, inflation, constraint of volatile demand (Sinclair, 1998), market labor disturbances (Nowak, Sahli, Sgro, 2003), Dutch disease effect (Nowak, Sahli, 1999), land competition and land speculation, low-education trap (Augeraud-Veron,

_

² SITE from now on.

³ Specialization is defined here as more than 30% of GDP coming from tourism.

Augier, 2003). All of the authors emphasize the risk for small open economies specialised in tourism to become rentier economies (as petroleum ones) with all associated drawbacks. Briefly speaking, tourism specialisation seems to be a short fruitful strategy but a long term competences destroying one.

Surprisingly the reviewed literature does not focus on what is at stake when speaking with sustainability of tourism specialisation: the exploitation of natural capital. Indeed, all tourism yields are based on the direct or indirect exploitation of SITE's environmental assets. And it is well known that insular ecosystems are greatly sensitive to economic activity pressure⁴. In such a context, sustainability of tourism means in a very trivial acception to ensure the preservation of environment while developing tourism activities knowing that i) this tourist development is only possible if the local economy has got all the infrastructures that tourists deserve in order to enjoy a good experience ii) this experience is simultaneously built on the environmental quality of the destination which could be lessen by infrastructures investments, associated services and tourist frequentation they induce.

The aim of this paper is to explore the inter-temporal trade-off between tourism investments and environmental quality preservation needed to ensure population revenues in the long run. In this perspective, we propose a simple dynamic model of tourism development taking into account the quality of the destination as perceived by tourists.

Recent modeling has been produced on this subject using a prey-predator framework (Casagrandi, Rinaldi, 1999, 2002; Kort and alii, 2002). Both papers develop an optimal control modeling highlighting two kinds of sustainable trajectories when maximising tourism

⁴ Islands usually have typical and fragile ecosystems (lagoons, mountains, rivers, etc.) due to specific and unique climatic, geographical and geological characteristics.

3

profits. A first one is a steady-state where investments in infrastructures just equal the depreciation of their stock. The number of tourists remains constant over time and the increase in pollution is absorbed by the environment. A second sustainable path is given by a cyclical evolution in investments, in the number of tourists, in the pollution stock and in infrastructures inducing different phases in the tourism development and confirming Butler's (1980) lifecycle hypothesis. Tourism development may be sustainable because of alternative phases of high and low frequentation permitting ecosystems to regenerate. One possible conjecture from our SITE's perspective is that an appropriate investments strategy along the lifecycle would prevent the island destination from a declining phase if environment regenerates. We want to alleviate the conditions under which this conjecture is established substituting an environmental quality variable to a pollution stock variable in the basic model. Our contribution is twofold. First our model partly confirms the Butler's lifecycle hypothesis and the Kort and al. (2002) conclusion according to which the competitive tourism industry must limit over time the number of visitors to preserve future profits. We highlight the role of investment decisions on the decline of the number of tourists necessary for the island to join a sustainable tourism development path. We show that when the perceived environmental quality is decreasing tourism lobby may be incited to disinvest in order to preserve environment. Secondly, we evaluate how a change in the price of a journey limiting the number of tourists may be, from a small island point of view, a sustainable way to develop tourism while preserving environment.

The paper is organized as follows. The second section reviews the environmental drawbacks a small island may suffer from tourism specialisation and recalls what was the Butler lifecycle perspective. The third section presents a model of tourism investments when introducing the quality of environment "perceived" by tourists as a state variable of the

dynamic system. In the fourth section, our primary results based on simulations are exposed. The last section concludes and opens up further research on differentiation strategies small islands may implement in the perspective of a sustainable development of tourism.

2. Environnemental drawbacks and sustainability of tourism

The choice of a small economy to develop a competitive tourist activity means that it is looking for the valorisation of its natural (and cultural) endowment. We will consider that tourist specialisation is driven by the high environmental quality of the destination as it constitutes an important attraction factor on the world market of tourism. So, tourists will come and visit the island in order to enjoy its extraordynary landscapes or the great quality of its coastal waters. We have to agree with Punzo and Bimonte (2003) when they define the tourist good as an experience good. The tourist comes to experience a unique trip and may come back if its expectations have been fulfilled.

Yet, tourist development may be at the root of the environmental degradation. In fact, in order to welcome tourists, the island needs to build lodging infrastructures and the multiplication of such infrastructures generates visual pollution leading to a degradation of the experience. Furthermore, when infrastructures are abandoned they can be seen as an irreversible damage for the destination. Then the tourist flow in the destination is synonimous of an increase in the production of wastes and when it goes over a given threshold the environment is unable to assimilate it.⁵ Developing the lodging capacities and the tourist flow in a few sites will generate an increased environmental pressure. It may lead to irreversible damages such as the destructions of natural habitats and finally the disparition of species from the ecosystem. So, tourist development has nosive effects more or less irreversible.

 $^{\rm 5}$ Think at the multiplication of plastic bags floating in the water of the Mediterranean sea.

5

All the stakeholders, from the private sector or representatives of the local community, are aware of these perverse effects. For the host community, a first possible behaviour is to ignore these effects because the population is only interested with short run profits. Nonetheless, a second behaviour is much more plausible: all the stakeholders are looking for a sustainable trade-off between tourist exploitation and environmental conservation that is how to conciliate economic profitability and attractiveness of the island for the tourists in the long run.

Following to the World Tourism Organisation (1995), tourist development will be sustainable if it enhances the way of living of the population without damaging the environmental and cultural capital of the destination. From our island perspective, this means that it is possible in the long run to satisfy an increasing demand, major source of income, without damaging the natural attractions of the island on the tourist market: coastal areas, unique landscapes, animal species, etc. But there is no clear criteria in order to measure the sustainability of a given development strategy. As said by Hawks and Williams (1993), sustainability is a challenge for the destination and it has to increase the lodging capacity and the quality of services without perverse effects on the environment. Then all the problem is to find an equilibrium point between resource exploitation and resource preservation because it is the only way to maintain attractiveness over time. This equilibrium has to be find in the evolution of tourists flows.

By observing the evolution of the number of tourists in a few destinations Butler (1980) identifies what he calls "a lifecycle of destinations" due to a cyclical evolution of the frequentation. A first plausible cause of the cyclical frequentation is the "crowding effect". As

we already said, tourists are looking for the best possible experience but it will be worsen by the arrival of an increasing tourist flow. So from that point, we will have a fall in the number of tourists because the tourist flow is "destroying" the destination.

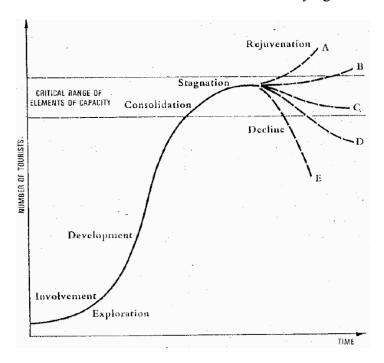


Fig.1: From Butler (1980)

A second cause of the destination tragedy we think about is the declining environmental quality of the island as we will show in the following section.

3. Optimal investment in tourism with environmental quality

Recent theoretical works explain the different phases in the lifecycle by the interaction between investment in tourist infrastructures and pollution (Casagrandi, Rinaldi, 1999, 2002; Greiner and al. 2001; Kort and al. 2002). In this section, our aim is to build a simpler optimal investment model than the one built by Kort and al. (2002) using simple functional forms. Moreover it seems to us more suitable to take into account the quality of the environment as it is perceived by tourists visiting the island rather than the pollution stock induced by the tourist

industry. On that point we follow recent literature on sustainable tourism (Lanza and Pigliaru, 1995; Léon, Hernandez, Gonzàles, 2003).

We consider, as in Kort and al. (2002), the point of view of a tourist lobby the problem of whom is to maximise the actualised sum of profits that the island will receive over time in selling tourist journeys.

$$\Pi = \int_0^\infty e^{-\rho t} (\pi_t) dt = \int_0^\infty \left(p T_t \left(S_t, Q_t, p_t \right) - c(I_t) - d(S_t) \right) dt \, ^6 \tag{1}$$

with: T the number of tourists Q: the quality of the environment c(I): investment cost at time t and d(S): maintenance costs at time t.

We suppose that the price of a journey is exogenously given and constant over time: this is consistent with the standard hypotheses of smallness of the destination and of perfect competition between destinations (the SITE is a price-taker on the world market).

The profit at time t is increasing with the number of tourists T_t . Profit is decreasing with the cost of investment and with maintenance cost of the infrastructures.

The number of tourists is monotonically increasing with the quality of the environment. Reciprocally, if the environment deteriorates too much, the tourists will not be incited to come because of the bad environmental quality.

Further more, the number of infrastructures is increasing with the amount of investment but lower because of their depreciation. And, environmental quality is strictly decreasing with the number of tourists.

The number of tourists at time t is given by:

$$T(S,Q,p) = (\alpha S + \beta Q) p^{-\varepsilon}$$
 where $\alpha,\beta > 0$ and $\varepsilon \ge 0$ (2)

_

⁶ From now on, we will skip the temporal index t.

Investment cost is defined as: $c(I)=0.5c_1I^2$ with $c_1>0$ (3)

Maintenance costs are given by: $d(S) = c_2 S$ with $c_2 > 0$ (4)

The flow of infrastructures at t is given by: $\dot{S}=I-\delta S$ with $\delta > 0$ (5)

The variation of environmental quality is given by:

$$\dot{Q} = rQ - \sigma S - \tau T = rQ - \sigma S - \tau \left[(\alpha S + \beta Q) p^{-\varepsilon} \right]^{7}$$
(6)

This formulation needs to be explained. r is a positive parameter reflecting the dynamics of the ecosystem. To be clear, in the absence of human activity (with T=0 and S=0), environmental quality is monotonically increasing at the rate r. As an example, we can think to the evolution of an endemic plant variety. In the absence of tourists, the number of plants will grow at a given rate r, increasing biodiversity, but the presence of tourists is going to limit this growth⁸ and finally in the case where $rQ < \sigma S + \tau \left[(\alpha S + \beta Q) p^{-\epsilon} \right]$, the number of plants, and so for us the quality of the environment (Q), is going to decrease.

Finally, the tourist lobby has to solve the following program:

$$\operatorname{Max} \int_{0}^{\infty} e^{-\rho t} (p^{1-\varepsilon} (\alpha S + \beta Q) - 0.5c_{1}I^{2} - c_{2}S) dt$$
 (1.a)

s.c.

$$\dot{S} = I - \delta S$$
 (5.a)

$$\dot{Q} = rQ - \sigma S - \tau \left[(\alpha S + \beta Q) p^{-\varepsilon} \right]$$
(6.a)

$$S(0)=S_0>0, Q(0)=Q_0>0$$

The Hamiltonian of the program is written as follows:

$$H = p^{1-\varepsilon}(\alpha S + \beta Q) - 0.5c_1I^2 - c_2S + \lambda_S(I - \delta S) + \lambda_O(rQ - \sigma S - \tau \lceil (\alpha S + \beta Q)p^{-\varepsilon} \rceil)$$
(7)

 $^{^{7}\}sigma S$ denotes the negative effect of an infrastructure on the environment because it exists and $\tau \alpha S$ the indirect negative environmental effect of an infrastructure because it attracts more tourists.

⁸ Stamping, gathering, ripping off usually practiced by tourists.

where λ_s and λ_o are the co-state variables respectively associated with \dot{S} and \dot{Q} .

The first order conditions are:

$$\frac{\partial H}{\partial I} = 0 \Leftrightarrow \lambda_S = c'(I) = c_1 I \tag{8}$$

$$\frac{\partial H}{\partial S} = \rho \lambda_S - \dot{\lambda}_S \iff \dot{\lambda}_S = \lambda_S (\delta + \rho) + \lambda_Q (\sigma + \tau \alpha p^{-\varepsilon}) + c_2 - p^{1-\varepsilon} \alpha \tag{9}$$

$$\frac{\partial H}{\partial Q} = \rho \lambda_{Q} - \dot{\lambda}_{Q} \iff \dot{\lambda}_{Q} = \lambda_{Q} \left(\tau \beta p^{-\varepsilon} + \rho \right) - p^{1-\varepsilon} \beta \tag{10}$$

From (5.a), (6.a), (8), (9), (10), we obtain a dynamic system of four linear equations with four unknowns that we solve⁹. We find that the system is converging toward a steady-state value and that this steady-state is a saddle-point.

4. Simulations and economic interpretation of the results

We have just said that our model is asymptotically converging toward a steady-state value that is a saddle-point. This implies that we have found in a quite simpler model - and considering environmental quality instead of pollution level - the same qualitative result than Kort and al. (2002). But we cannot identify any limit-cycle because the appearance of such a trajectory is the result in Kort and al. (2002) of a complex non-linear formalisation.

Simulations of our model are showing that as a result of the optimal investment policy, the number of tourists evolves as hypothesised by Butler¹⁰.

First, consider an island initially endowed with little infrastructures and a high environmental quality, it may potentially attract lots of tourists but investment is needed in order to develop the lodging capacity.

-

⁹ We used the Mathematica 5.2 software for the computation.

¹⁰ See the simulation of the model in annex.

In that case, the lobby will be incited to invest and the profit will be low (may be negative) but increasing as the number of tourists is also increasing.

Anyway, as the investment cost is growing, the number of infrastructures is increasing at a decreasing rate. Further more, as the number of tourists is increasing the pressure on the ecosystem is also increasing.

Because of the increasing costs and of the increasing environmental pressure, in the long run the lobby will be incited to disinvest and then in the long run, will only invest to replace the obsolete infrastructures.

In fact, if the lobby goes on investing in new infrastructures, the result will be a decrease in the environmental quality leading to a dramatic fall in frequentation. But in the meantime the cost of investing and maintaining infrastructures are both increasing. So, in those conditions it is not a rational behaviour to go on investing.

We understand that when the lobby invests, there is an increase in frequentation but as a result of the environmental pressure, we then have a rapid fall in the number of tourists toward the steady-state frequentation, that is a *plateau*. In fact, the optimal investment policy of the lobby leads to the observance of a cycle similar to the one describe by Butler.

The existence of such a mechanism means that the number of tourists that an island would attract is bounded. The upper bound is what is usually called the carrying capacity of a destination.

Policy-makers in small tourist islands are often worried because tourist flow is a threat for the conservation of costal areas or even the existence of natural sites. But what our model is saying is that in the long run a minimum level of environmental quality is preserved as the number of tourists visiting the island at each period is constant.

Yet, our analysis also explains what is happening when environmental quality is degraded.

To understand this result, we have to consider that the island has reached a situation characterized by a high number of infrastructures and a poor environmental quality. In such a situation, the number of tourists is declining as the poor environmental quality is taking them away from the island. Then, the lobby is incited to let the number of infrastructures declines in order to save the maintenance costs. So, the island will once more be naturally driven toward the steady-state. Even if our model cannot say more than that, we may suppose that this high number of infrastructures is the result of a past misleading investment policy.

So these two results illustrate the scenario that Butler considered as one of the most plausible, a fall in the number of tourists until it reaches a *plateau*¹¹.

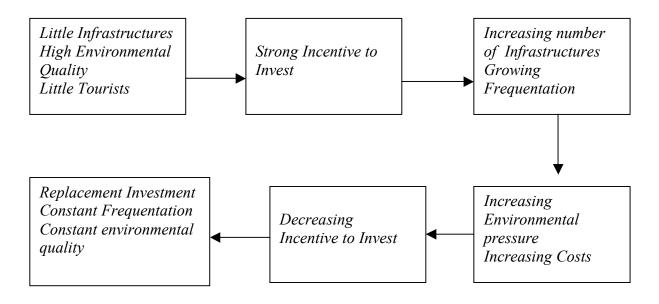
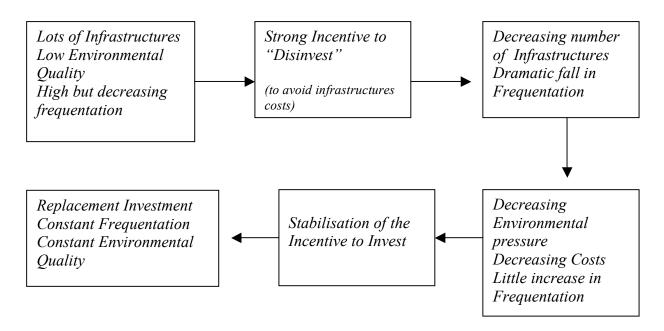


Fig. 2: The developing SITE case

.

¹¹ See trajectory C in fig 1.

Fig. 3: The over-developed SITE case



As we are concerned about the profits associated with tourism, we ask for the effect of a change in the price of a journey on the previous results. To say it, in a different way, how an increase or a decrease in the price *p* affects *ceteris paribus* the steady-state values of the variables? What we can say is that the effect of an increase in the price of a journey should be almost compliant with the standard results of environmental economics: as the price increases, the environmental quality is better in the steady-state and there is less infrastructures. The explanation relies on the fact that the number of tourists is lower and this leads to an improvement in environmental quality. If the decline in the number of tourists is not harmful to the profit, a good policy would be to increase the price of a journey. Of course, a necessary condition is that the island has some kind of market power but our model does not allow the exploration of such a scenario.

5. Conclusion and further research

The aim of this paper was to explore the inter-temporal trade-off between tourism intensive investments and environmental quality preservation needed to ensure local tourism lobby revenues in the long run. In this perspective, we propose a simple dynamic model of tourism investments introducing the quality of environment "perceived" by tourists as a state variable of the dynamic system. Despite limits inherent to the simplicity of the framework simulations confirm the Butler's lifecycle hypothesis and the Kort and al. (2002)'s conclusion according to which the competitive tourism industry must limit over time the number of visitors to preserve future profits. The results we obtained tend to show that in the long-run, the maximum number of tourists that a destination is able to welcome is bounded. This is the case because, if the stake-holders disregard the carrying capacity, there will be a dramatic fall in frequentation. Our specific contribution is to show that when the quality of environment is decreasing, tourism lobby may be incited to disinvest in order to preserve environment. We want to investigate how an increase in the price of a journey would constitute a sustainable way to maintain tourism profits while preserving environment as this price strategy limits the number of the island visitors. As our analysis tends to show a good practice would be for an island to differentiate its product in order to sell it at a price higher than the market price. Introducing a monopolistic competition framework with several destinations competiting in tourism industry could be in this perspective one further step of our research.

6. Annex: Simulations¹²

Number of Infrastructures

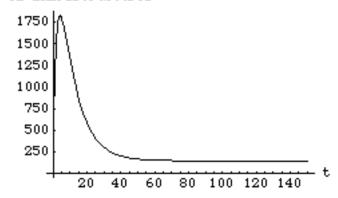


fig. a: Evolution of infrastructures

Environmental capital

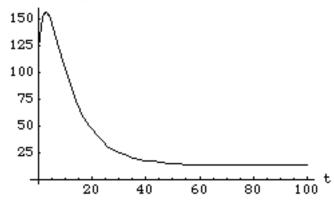


fig. b: Environmental capital

_

 $^{^{12}}$ We used the following values of parameters: α = β =0.5, ϵ =1.05, δ =0.1, ρ =0.03, τ =0.01, σ =0.05,r=0.5, p=10, c1=0.05,c2=0.4

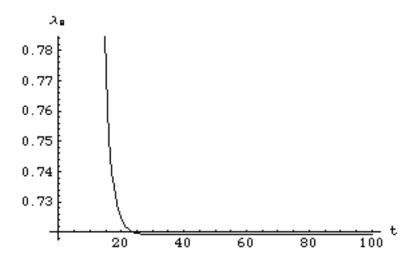


fig. c: Incitation to invest

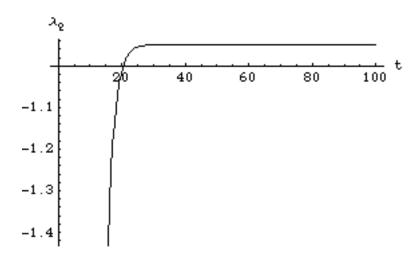


fig. d: Evolution of λ_Q

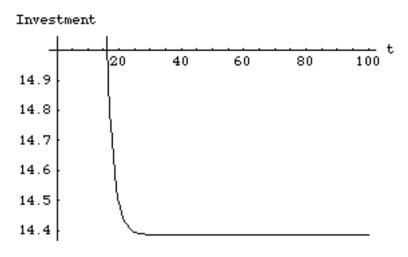


fig. e: Evolution of Investment

Number of Tourists 80 60 40 20 20 40 60 80 100

fig. f: Number of tourists

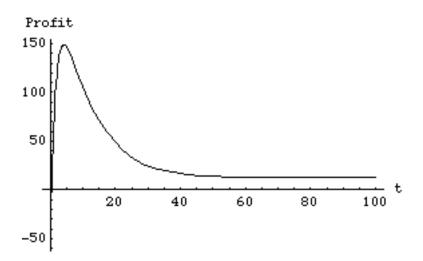


fig. g: Instantaneous Profit

7. Bibliography

Augeraud-Veron E., Augier L. (2003) « Tourisme, Education et Croissance économique », Communication au colloque *Tourisme et Développement Durable*, CEREGMIA, Université des Antilles et de la Guyane, 25-27 Septembre.

Bimonte S., Punzo L. (2003), «Turismo e Sviluppo Locale nei Sistemi Microinsulari", *EdADTS Working Paper Series* n°1, July.

Butler R.W. (1980), «The Concept of a Tourist Area Cycle of Evolution: Implications for management of resources », *Canadian Geographer*, XXIV, 1.

Casagrandi R., Rinaldi S. (1999), « A theoretical approach to tourism sustainability », *Politecnico di Milano Working paper*.

Casagrandi R., Rinaldi S. (2002), « A theoretical approach to tourism sustainability », *Conservation Ecology*, vol. 6 issue 1.

Copeland B.R. (1991) « Tourism, welfare and de-industrialisation in a small open economy », *Economica*, 58, (November), 515-529.

Commonwealth secretariat and World Bank (2000), *Small States: Meeting Challenges in the global economy*, Final Report of the task force, April.

Crusol J, Hein Ph., Vellas F. (1989), L'enjeu des petites économies insulaires, Economica.

Giannoni S., Maupertuis M.-A. (2005), "Is tourism specialisation sustainable for a small island economy?: A cyclical perspective", Conference "Theoretical advances in tourism economics", Evorà, Portugal (March)

Hawkes S., Williams P. (1993), « The Greening of Tourism: From Principles to Practice », *GLOBE '92 Tourism Stream : Case Book of Best Practice in Sustainable Tourism*, Simon Fraser University, Burnaby, B.C.

Greiner A., Feichtinger G., Haunschmied J.L., Kort P.M., Hartl R., (2001), "Optimal periodic development of a pollution generating tourism industry", *European Journal of Operational Research, Volume 134, Issue 3, 1 November 2001, pages 582-591.*

Hazari B., Sgro P.M. (1995) "Tourism and growth in a dynamic model of trade » *The Journal of Trade and Economic Development*, 4(2).

Hazari B., Nowak J.J., Sahli M., (2003), «Tourism, trade and domestic welfare», Contribution to the CRENoS conference *Tourism And Sustainable Economic Development*, Chia, Sardinia, September the 19-20th.

Kort P.M, Greiner A., Feichtinger G., Haunschmied J.L., Novak A., Hartl R.F. (2002), « Environmental effects of tourism industry investment: an inter-temporal trade-off » , *Optimal Control Applications and Methods*, 23, 1-19.

Lanza A., Pigliaru F. (1995) « The Tourism Sector in the Open Economy », in Nijkamp P., Coccossis W. (Eds), *Tourism and the Environment*, Avebury: Aldershot.

Lanza A., Pigliaru F. (2000) «Why are tourism countries small and fast-growing?» CRENoS Working Paper.

Lanza A., Temple P., Urga G. (2003) « The implications of tourism specialisation in the long run: an econometric analysis for 13 OECD economies », *Tourism Management*, 24, pp. 315-321.

Léon C., Hernandez J.M., González M. (2003), « Endogenous lifecycle and optimal growth in tourism », Contribution to CRENoS conference *Tourism And Sustainable Economic Development*, Chia, Sardinia, September the 19-20th.

Marques B. (2003): « Tourisme et croissance dans la Caraïbe : l'expérience des vingt dernières années », *Master thesis*, CEREGMIA, Université des Antilles et de la Guyane

Nijkamp P., Coccossis W. (Eds) (1995), Tourism and the Environment, Avebury: Aldershot.

Nowak J.J, Sahli M. (1999) « L'analyse d'un boom touristique dans une petite économie ouverte », *Revue d'Economie Politique*, 109, 5, pp.729-749.

Shareef R. (2003), « Country Risk Ratings of Small Island Economies », Conference CRENoS *Tourism And Sustainable Economic Development*, Chia, Sardinia, September the 19-20th.

Sinclair M.T (1998) « Tourism and Economic Development : A Survey », *The Journal Of Development Studies*, vol.34, n°5, june.

World Tourism Organisation (1995), « Lanzarote Charter for Sustainable Tourism »

NOTE DI LAVORO DELLA FONDAZIONE ENI ENRICO MATTEI

Fondazione Eni Enrico Mattei Working Paper Series

Our Note di Lavoro are available on the Internet at the following addresses:

http://www.feem.it/Feem/Pub/Publications/WPapers/default.html http://www.ssrn.com/link/feem.html http://www.repec.org

NOTE DI LAVORO PUBLISHED IN 2004

IEM	1.2004	Anil MARKANDYA, Suzette PEDROSO and Alexander GOLUB: Empirical Analysis of National Income and
ETA	2.2004	So2 Emissions in Selected European Countries Masahisa FUJITA and Shlomo WEBER: Strategic Immigration Policies and Welfare in Heterogeneous Countries
		Adolfo DI CARLUCCIO, Giovanni FERRI, Cecilia FRALE and Ottavio RICCHI: Do Privatizations Boost
PRA	3.2004	Household Shareholding? Evidence from Italy
ETA	4.2004	Victor GINSBURGH and Shlomo WEBER: Languages Disenfranchisement in the European Union
ETA	5.2004	Romano PIRAS: Growth, Congestion of Public Goods, and Second-Best Optimal Policy
CCMP	6.2004	Herman R.J. VOLLEBERGH: Lessons from the Polder: Is Dutch CO2-Taxation Optimal
PRA	7.2004	Sandro BRUSCO, Giuseppe LOPOMO and S. VISWANATHAN (lxv): Merger Mechanisms
PRA	8.2004	Wolfgang AUSSENEGG, Pegaret PICHLER and Alex STOMPER (lxv): <u>IPO Pricing with Bookbuilding, and a When-Issued Market</u>
PRA	9.2004	Pegaret PICHLER and Alex STOMPER (lxv): Primary Market Design: Direct Mechanisms and Markets
PRA	10.2004	Florian ENGLMAIER, Pablo GUILLEN, Loreto LLORENTE, Sander ONDERSTAL and Rupert SAUSGRUBER (lxv): The Chopstick Auction: A Study of the Exposure Problem in Multi-Unit Auctions
PRA	11.2004	Bjarne BRENDSTRUP and Harry J. PAARSCH (lxv): Nonparametric Identification and Estimation of Multi-
DD A		Unit, Sequential, Oral, Ascending-Price Auctions With Asymmetric Bidders
PRA	12.2004	Ohad KADAN (lxv): Equilibrium in the Two Player, k-Double Auction with Affiliated Private Values
PRA	13.2004	Maarten C.W. JANSSEN (lxv): <u>Auctions as Coordination Devices</u> Gadi FIBICH, Arieh GAVIOUS and Aner SELA (lxv): <u>All-Pay Auctions with Weakly Risk-Averse Buyers</u>
PRA	14.2004	Orly SADE, Charles SCHNITZLEIN and Jaime F. ZENDER (lxv): Competition and Cooperation in Divisible
PRA	15.2004	Good Auctions: An Experimental Examination
PRA	16.2004	Marta STRYSZOWSKA (lxv): Late and Multiple Bidding in Competing Second Price Internet Auctions
CCMP	17.2004	Slim Ben YOUSSEF: R&D in Cleaner Technology and International Trade
NRM	18.2004	Angelo ANTOCI, Simone BORGHESI and Paolo RUSSU (lxvi): Biodiversity and Economic Growth:
INIXIVI	16.2004	Stabilization Versus Preservation of the Ecological Dynamics
SIEV	19.2004	Anna ALBERINI, Paolo ROSATO, Alberto LONGO and Valentina ZANATTA: Information and Willingness to
SIL (19.2001	Pay in a Contingent Valuation Study: The Value of S. Erasmo in the Lagoon of Venice
NRM	20.2004	Guido CANDELA and Roberto CELLINI (lxvii): Investment in Tourism Market: A Dynamic Model of
	21.2004	<u>Differentiated Oligopoly</u> Jacqueline M. HAMILTON (Ixvii): Climate and the Destination Choice of German Tourists
NRM	21.2004	Javier Rev-MAQUIEIRA PALMER, Javier LOZANO IBÁÑEZ and Carlos Mario GÓMEZ GÓMEZ (lxvii):
NRM	22.2004	Land, Environmental Externalities and Tourism Development
		• • • • • • • • • • • • • • • • • • •
NRM	23.2004	Pius ODUNGA and Henk FOLMER (lxvii): <u>Profiling Tourists for Balanced Utilization of Tourism-Based</u> Resources in Kenya
NRM	24.2004	Jean-Jacques NOWAK, Mondher SAHLI and Pasquale M. SGRO (lxvii): Tourism, Trade and Domestic Welfare
NRM	25.2004	Riaz SHAREEF (lxvii): Country Risk Ratings of Small Island Tourism Economies
	26.2004	Juan Luis EUGENIO-MARTÍN, Noelia MARTÍN MORALES and Riccardo SCARPA (Ixvii): Tourism and
NRM	20.2004	Economic Growth in Latin American Countries: A Panel Data Approach
NRM	27.2004	Raúl Hernández MARTÍN (lxvii): Impact of Tourism Consumption on GDP. The Role of Imports
CSRM	28.2004	Nicoletta FERRO: Cross-Country Ethical Dilemmas in Business: A Descriptive Framework
NRM	29.2004	Marian WEBER (Ixvi): Assessing the Effectiveness of Tradable Landuse Rights for Biodiversity Conservation: an Application to Canada's Boreal Mixedwood Forest
NRM	30.2004	Trond BJORNDAL, Phoebe KOUNDOURI and Sean PASCOE (lxvi): Output Substitution in Multi-Species
	20.2001	Trawl Fisheries: Implications for Quota Setting
CCMP	31.2004	Marzio GALEOTTI, Alessandra GORIA, Paolo MOMBRINI and Evi SPANTIDAKI: Weather Impacts on Natural, Social and Economic Systems (WISE) Part I: Sectoral Analysis of Climate Impacts in Italy
		Marzio GALEOTTI, Alessandra GORIA ,Paolo MOMBRINI and Evi SPANTIDAKI: Weather Impacts on
CCMP	32.2004	Natural, Social and Economic Systems (WISE) Part II: Individual Perception of Climate Extremes in Italy
CTN	33.2004	Wilson PEREZ: Divide and Conquer: Noisy Communication in Networks, Power, and Wealth Distribution
KTHC	34.2004	Gianmarco I.P. OTTAVIANO and Giovanni PERI (lxviii): The Economic Value of Cultural Diversity: Evidence
		from US Cities
KTHC	35.2004	Linda CHAIB (Ixviii): Immigration and Local Urban Participatory Democracy: A Boston-Paris Comparison

STATE STATES AND PARTIES AND P	KTHC	36.2004	Franca ECKERT COEN and Claudio ROSSI (Ixviii): Foreigners, Immigrants, Host Cities: The Policies of
RTHC Sp. 2004 Allemontain II MADDE (twin): Mind in Africa. Body in Europe: The Struggle for Maintaining and Transforming Cultural Identity: A Note from the Experience of Entrean Immigration and Stockholm Allemon Chall Halles. Piece Competition with Information Disparities in a Venerally Differentiated Discopting of the European Electricity. Market and Environmental Policy: Does the Degree of Competition Market. Andrea BIGLON and Soft PROOST: The Opening of the European Electricity. Market and Environmental Policy: Does the Degree of Competition Market. Andrea BIGLON and Soft PROOST: The Opening of the European Electricity. Market and Environmental Policy: Does the Degree of Competition Information in Cames without Synergies Andrea BIGLON Information on the Determinant of Immoration in Cames without Synergies Series (ERRIPHOR) and Marco MARINI: Coalition Information in Cames without Synergies Sensition BERVICETS and Nicolog GRAVEL (Isvi). Appropriate Diversity with an Ordinal Notion of Similarity. Andrea Bigliothers and Synery Andreas a	KTHC	37 2004	
CUMP 1 GAPPER OF AVAILERE Price Competition with Information Dispatchies in a Vertical Villerentiated Dispoply Andrea BIGANO and See PROCOST: The Opening of the European Electricity Market and Environmental Policy Describe Degree of Competition Matter? CCMP 41 2004 Andrea BIGANO and See PROCOST: The Opening of the European Electricity Market and Environmental Policy Competition of Problems Market and Environmental Policy Competition of Problems (Competition of National Competition of National Politicion Problems Service Competition of National Politicion Problems (Competition of National Politicion Problems) (Competition of Problems) (Competitiveness Effects) (Competitiveness			
Andrea BIGANO and Sef PROOST. The Opening of the European Electricity Market and Environmental Policy Policy: Does the Degree of Commedition Matter?			
Policy Does the Degree of Competition Matter'			
Francesco (RFSP): Notes on the Determinants of Innuvation: A Multi-Perspective Analysis			
CTN 43.2004 Seega CURRARINI and Marco MARINI; Coalition Formation in Games without Synergies Marc ESCRIBIUELA-FILLAR. Carted Sustainability and Carted Sustainity 45.2004 Substation BERFVOETS and Nicolas GRAVEL (18v1). Appraising Diversity with an Ordinal Notion of Similarity. An Asionatic Approach NRM 45.2004 Signe AVHON and Bo JELLESMARK THORSEN (18v1): Optimal Afforestation Contracts with Asymmetris Information on Private Environmental Benefits NRM 47.2004 John MBUUU (18v1): Wildlift Conservation and Management in Kenya: Towards a Co-management Approach Ekin BIROL, Agnes GYOVAII and Medinda SMALE (18v1): Using a Choice Experiment to Value Agricultural Biodiversity on Hungarian Small Earns; Agri-Environmental Policies in a Transition al Economy Gernak KLEPPER and Sonja PETERSON: The ILI Emissions Trading Scheme. Allowance Prices, Trade Flows. Competitiveness Effects Go 50,2004 Soot BARRETT and Michael HoEL: Optimal Disease Eradication SIEV 52,2004 Engineering Competitiveness Effects SIEV 52,2004 Signe Million State of Transmission of Environmental Policies in a Transition al Economy NRM 54,2004 Conservation. An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renutared Streams NRM 54,2004 Conservation. An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renutared Streams NRM 52,2004 Formatical Streams NRM 52,2004 Formatical Streams NRM 52,2004 Formatical Streams NRM 52,2004 Formatical Streams NRM 62,2004 Formatical S			* /
CTN 44.2004 Mare ESCHHULL-I-VILLAR. Cartel Sustainability and Cartel Stability Approach			*
Sobostian BRP(OETS and Nicolas GRAVEL (txvi): Appraising Diversity with an Ordinal Notion of Similarity: An Asiomatic Approach			
An Axiomatic Approach NRM 45.2004 NRM 46.2004 NRM 47.2004 An Axiomatic Approach NRM 48.2004 NRM 50.2004 NRM 60.2004 NRM 60.2004	CIN		
Information on Private Environmental Benefits	NRM		An Axiomatic Approach
NRM 47.2004 John ABLUU (18vis): Wildlife Conservation and Management in Kenya: Towards a Co-management Approach NRM 48.2004 Biodiversity on Hungarian Small Farms: Agri-Environmental Policies in a Transition al Economy Germon KLEPPER and Sonja PETERSON: The EU Emissions Trading Scheme. Allowance Prices. Trade Flows. Competitiveness Effects GG 50.2004 Scott BARRETT and Michael HOEL: Optimal Disease Eradication CTN 51.2004 Scott BARRETT and Michael HOEL: Optimal Disease Eradication SIEV 52.2004 Forences on RCCI: Channels of Transmission of Environmental Policy to Economic Growth: A Survey of the Theory. NRM 53.2004 Mortality Risk Reductions: Does Latency Matter? Ingo BRACER and Ramer MARGGRAF (twi): Valuation of Ecosystem Services Provided by Biodiversity Conservation: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: The DEDEUWARENDERE (twi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Repulsion: An Integrated Hydrological and Feonomic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 65.2004 Repulsion: An Integrated Hydrological Analysis to Evaluate Environmental Progra	NRM	46.2004	
Regulatory Choices Regulat	NRM	47.2004	
Second	NRM	48.2004	· · · · · · · · · · · · · · · · · · ·
CGG 50.2004 Competitiveness Effects S1.2004 Dinko DIMTROV, Peter BORM, Ruud HENDRICKX and Shao CHIN SUNG: Simple Priorities and Core Stability in Hedonic Games SIEV 52.2004 Francesco RICCC Channels of Transmission of Environmental Policy to Economic Growth: A Survey of the Theory Anna ALBERINI, Maureen CROPPER, Alan KRUPNICK and Nathalie B. SIMON: Willingness to Pay for Mortality Risk Reductions: Does Latency Matter? Ingo BRAIUER and Rainer MARGGRAIF (Ixvi): Valuation of Ecosystem Services Provided by Biodiversity Conservation: An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Tom GOESCHL and Tun LIN (Ixvi): Biodiversity Conservation on Private Lands; Information Problems and Regulatory Choices NRM 55.2004 Karrin REHDANZ, and David MADDISON: The Amenity Value of Climate to German Households Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios Valentina BOSETII, Mariaester CASSINELLI and Alessandro LaNZA (Ixvii): Using Data Envelopment An Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGIJORI (tsvi): Property Rights Conservation and Development: An Analysis of Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Carlo CARRARO. Economic and Environmental Effectiveness of a Technology-based Climate Protocol Technology-based Climate Prot		40.2004	
Sile	CCMP		Competitiveness Effects
SIEV 52.204 Francesco RICCI: Channels of Transmission of Environmental Policy to Economic Growth: A Survey of the Theory SIEV 53.204 Francesco RICCI: Channels of Transmission of Environmental Policy to Economic Growth: A Survey of the Theory Anna AlaBerlini, Maureen CROPPER, Alan KRUPNICK and Nathalie B. SIMON: Willingness to Pay for Mortality Risk Reductions: Does Latency Matter? Ingo BRAUER and Rainer MARGGRAF (Ixvi): Valuation of Ecosystem Services Provided by Biodiversity Conservation. An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Regulatory Choices RRM 56.2004 Ton DEDEURWAERDERE (Ixvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices RRM 59.2004 Ton DEDEURWAERDERE (Ixvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices RRM 59.2004 Akrin REIIDANZ and David MADDISON: The Amenity Value of Climate to German Households Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Secnatios Effects on Energy Secnatios Effects on Energy Secnatios RRM 62.2004 Elissatios DESCETI, Mariaester CASSINELLI and Alessandro LANZA (Ixvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (Ixvi): Property Rights Conservation and Development: An Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CARARGO ISCOnomic and Environmental Effectiveness of a Technology-based Climate Protocol Elissatios PAPYRAKIS and Reyer GERLAGH. Resource-Abundance and Economic Growth in the U.S. (2007) PATAIAI, Melinda SMALE and Mariann HAJDÚ (Ixvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RUIJGROK (Ixvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method God 61.2004 Micha	GG	50.2004	•
Siev 52,2004 Francesco RICCI: Channels of Transmission of Environmental Policy to Economic Growth: A Survey of the Theory Anna AlbERINI, Maureen CROPPER, Alan KRUPNICK and Nathalie B. SIMON: Willingness to Pay for Mortality Risk Reductions; Does Latency Matter? Mortality Research Regulatory Choices Mortality Results of Conservation on Private Lands: Information Problems and Regulatory Choices Timo GOESCHL and Trun LIN ((xvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices Results Resu	CTN	51.2004	
SIEV 53.2004 Mortality Risk Reductions: Does Latency Matter? NRM 54.2004 Conservation: An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams NRM 55.2004 Regulatory Choices NRM 55.2004 For MERCENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Sequestration Sequestration and Development: An Analysis to Evaluate Environmentally Conscious Tourism Management NRM 60.2004 Sequestration CAMARGO GLIORI (NSW): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon NRM 63.2004 Elissaios PAPIYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Goyorgy Balt. György PATAKI, Melinda SMALE and Mariann HAJDÚ (NSW): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RUIGROK (Isw): Reducting Analysis of the Contingent Value of Natural Riverbanks in the Netherlands E.C.M. RUIGROK (Isw): Reducting Analysis of Incomplete Value of Natural Riverbanks in the Netherlands E.C.M. RUIGROK (Isw): Reducting Analysis of Extractive Reserves: The Contingent Value of Natural Riverbanks in the Netherlands E.C.M. RUIGROK (Isw): Reducting Analysis of Extractive Reserves: The Netherlands F.C.M. RUIGROK (Isw): Reducting Activitication. The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method GG 63.2004 Michael FINUS: Modesty Pays. Sometimes! NRM 69.2004 Michael FINUS: Modesty Pays. Sometimes! Trong BJORNADAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAIT: On Coalition Formation with Helerogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matter MANERA: Conditional Correlations in WTI Oil Forward and Futures Returns NEW 73.2004 Margarita GERUSUS and Elisabetha STRAZZERA: The Copula Approach to Sample Selection Modelling:	CIEV	52 2004	
Mortality Risk Reductions: Does Latency Matter? Ingo BRÄUER and Rainer MARGGRAF (ksvi): Valuation of Ecosystem Services Provided by Biodiversity Conservation: An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in Renaturated Streams Timo GOESCHL and Tun LIN (ksvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices Timo GOESCHL and Tun LIN (ksvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices Timo GOESCHL and Tun LIN (ksvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices Timo GOESCHL and Tun LIN (ksvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices Timo GOESCHL and David MADDISON: The Amenity Value of Climate to German Households Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios Valentina BOSSTIT, Mariaester CASSINELLI and Alessandro LANZA (ksvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO (GLIORI (ksvi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol Elissatos Palyrakiis and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgi BELA, Györgi PATAKI, Melinda SMALE and Mariann HAJDÚ (kvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RUIJGROK (ksvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method Formation with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! Trond BJORNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Polic	SIEV	32.2004	
NRM 55.2004 NRM 55.2004 NRM 55.2004 NRM 56.2004 CCMP 57.2004 NRM 59.2004 NRM 59.2004 NRM 59.2004 NRM 69.2004 NRM 63.2004 NRM 63.2004 NRM 65.2004 NRM 63.2004 NRM 64.2004 NRM 65.2004 NRM 65.2004 NRM 65.2004 NRM 65.2004 NRM 65.2004 NRM 65.2004 NRM 63.2004 NRM 66.2004 NRM 69.2004 NRM 67.2004 NRM	SIEV	53.2004	Mortality Risk Reductions: Does Latency Matter?
NRM 55.2044 Timo GOESCHL and Tun LIN (txvi): Biodiversity Conservation on Private Lands: Information Problems and Regulatory Choices NRM 56.2004 Tom DEDEURWAERDERE (txvi): Bioprospection: From the Economics of Contracts to Reflexive Governance CCMP 57.2004 Katrin REHDANZ and David MADDISON: The Amenity Value of Climate to German Households CCMP 58.2004 Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios NRM 59.2004 Valentina BOSETTI, Mariaester CASSINELLI and Alessandro LANZA (txvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management NRM 60.2004 Timo GOESCHL and Danilo CAMARGO IGLIORI (txvi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon NRM 61.2004 Barbara BUCHNER and Carlo CARRAGO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol NRM 63.2004 Barbara BUCHNER and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. György BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (txvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis NRM 65.2004 E.C.M. RULIGROK (txvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method GG 68	NRM	54.2004	Conservation: An Integrated Hydrological and Economic Model to Value the Enhanced Nitrogen Retention in
NRM 56.2004 Katrin REHDANZ and David MADDISON: The Amenity Value of Climate to German Households Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios Valentina BOSETTI, Mariaester CASSINELLI and Alessandro LANZA (lxvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (lxvi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon RRM 62.2004 Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgyi BELA, György PATAKI, Melinda SMALE and Mariam HAJDÚ (lxvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis RRM 64.2004 E.C.M. RUIJGROK and E.E.M. NILLESEN (lxvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (lxvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method Giannis VARDAS and Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! Trond BJORNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Massimo GlOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alesandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	55 2004	Timo GOESCHL and Tun LIN (lxvi): Biodiversity Conservation on Private Lands: Information Problems and
CCMP 57,2004 Katrin REHDANZ and David MADDISON: The Amenity Value of Climate to German Households CCMP 58,2004 Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios NRM 59,2004 Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios NRM 59,2004 Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios NRM 60,2004 Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (kwi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHINER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol RMM 62,2004 Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÜ (kwi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RUIJGROK (kwi): Reducing Acidification: The Socio-Economic Value of Natural Riverbanks in the Netherlands NRM 65,2004 E.C.M. RUIJGROK (kwi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method GG 68,2004 <			
CCMP 58.2004 Koen SMEKENS and Bob VAN DER ZWAAN: Environmental Externalities of Geological Carbon Sequestration Effects on Energy Scenarios NRM 59.2004 Valentina BOSETTI, Mariaester CASSINELLI and Alessandro LANZA (kvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (kvi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol NRM 62.2004 Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (kvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis NRM 64.2004 E.C.M. RUIJGROK and E.E.M. NILLESEN (kvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (kvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach GG 68.2004 Michael FINUS: Modesty Pays: Sometimes! Trond BJORNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAĪT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in WTI Oil Forward and Futures Returns Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in WTI Oil Forward and Futures Returns			· / - • •
Effects on Energy Scenarios Valentina BOSETTI, Mariaester CASSINELLI and Alessandro LANZA (Ixvii): Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (Ixvii): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol Resource-Abundance and Economic Growth in the U.S. Grorgy BELA, György PATAKI, Melinda SMALE and Mariann HAJDÜ (Ixvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RULIGROK (Ixvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FIVUS: Modesty Pays: Sometimes! Trond BJORNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Mattee MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Mattee MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in Wall Oil Forward and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:			· · · · · · · · · · · · · · · · · · ·
Analysis to Evaluate Environmentally Conscious Tourism Management Timo GOESCHL and Danilo CAMARGO IGLIORI (kvi): Property Rights Conservation and Development: An Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol RRM 62.2004 Elissaios PAPYRAKIS and Rever GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (kvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis RRM 64.2004 Elissaios PAPYRAKIS and Rever GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (kvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis RCM. RUIJGROK and E.E.M. NILLESEN (kvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (kvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÎT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	ССМР	58.2004	Effects on Energy Scenarios
Analysis of Extractive Reserves in the Brazilian Amazon Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate Protocol NRM 62.2004 Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (lxvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis NRM 64.2004 E.C.M. RUIJGROK and E.E.M. NILLESEN (lxvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (lxvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAĨT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	59.2004	Analysis to Evaluate Environmentally Conscious Tourism Management
CCMP61.2004Barbara BUCHNER and Carlo CARRARO: Economic and Environmental Effectiveness of a Technology-based Climate ProtocolNRM62.2004Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S.NRM63.2004Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (lxvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional AnalysisNRM64.2004E.C.M. RUIJGROK and E.E.M. NILLESEN (lxvi): The Socio-Economic Value of Natural Riverbanks in the NetherlandsETA65.2004E.C.M. RUIJGROK (lxvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation MethodGG67.2004Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary ApproachGG68.2004Michael FINUS: Modesty Pays: Sometimes!NRM69.2004Michael FINUS: Modesty Pays: Sometimes!CTN70.2004Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous AgentsIEM71.2004Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their DeterminantsSIEV73.2004Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	60.2004	
NRM 62.2004 Elissaios PAPYRAKIS and Reyer GERLAGH: Resource-Abundance and Economic Growth in the U.S. Györgvi BELA, Györgv PATAKI, Melinda SMALE and Mariann HAJDÚ (Ixvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis NRM 64.2004 E.C.M. RUIJGROK and E.E.M. NILLESEN (Ixvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands NRM 65.2004 E.C.M. RUIJGROK (Ixvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Michael FINUS: Modesty Pays: Sometimes! Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Massimo GLOVANNINI, Margherita GRASSO, Alessandro LANZA (Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	CCMD	61 2004	
NRM 63.2004 Györgyi BELA, György PATAKI, Melinda SMALE and Mariann HAJDÚ (Ixvi): Conserving Crop Genetic Resources on Smallholder Farms in Hungary: Institutional Analysis NRM 64.2004 E.C.M. RUIJGROK and E.E.M. NILLESEN (Ixvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (Ixvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach GG 68.2004 Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:			
NRM 63.2004 Resources on Smallholder Farms in Hungary: Institutional Analysis E.C.M. RUIJGROK and E.E.M. NILLESEN (lxvi): The Socio-Economic Value of Natural Riverbanks in the Netherlands E.C.M. RUIJGROK (lxvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach GG 68.2004 Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAĨT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:			
NRM 65.2004 Netherlands E.C.M. RUIJGROK (lxvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings GG 67.2004 Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach NRM 69.2004 Michael FINUS: Modesty Pays: Sometimes! Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	63.2004	
NRM 65.2004 E.C.M. RUIJGROK (Ixvi): Reducing Acidification: The Benefits of Increased Nature Quality. Investigating the Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings GG 67.2004 Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	64 2004	
Possibilities of the Contingent Valuation Method ETA 66.2004 Giannis VARDAS and Anastasios XEPAPADEAS: Uncertainty Aversion, Robust Control and Asset Holdings GG 67.2004 Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach GG 68.2004 Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:			
GG 67.2004 Anastasios XEPAPADEAS and Constadina PASSA: Participation in and Compliance with Public Voluntary Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications CTN 70.2004 Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:		65.2004	Possibilities of the Contingent Valuation Method
Environmental Programs: An Evolutionary Approach Michael FINUS: Modesty Pays: Sometimes! NRM 69.2004 Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications CTN 70.2004 Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	ETA	66.2004	
NRM 69.2004 Michael FINUS: Modesty Pays: Sometimes! Trond BJØRNDAL and Ana BRASÃO: The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications The Northern Atlantic Bluefin Tuna Fisheries: Management and Policy Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	GG	67.2004	· · · · · · · · · · · · · · · · · · ·
CTN 70.2004 Implications Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	GG	68.2004	
CTN 70.2004 Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with Heterogeneous Agents IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	NRM	69.2004	<u> </u>
IEM 71.2004 Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	CTN	70.2004	Alejandro CAPARRÓS, Abdelhakim HAMMOUDI and Tarik TAZDAÏT: On Coalition Formation with
IEM 72.2004 Correlations in the Returns on Oil Companies Stock Prices and Their Determinants Alessandro LANZA, Matteo MANERA and Michael MCALEER: Modelling Dynamic Conditional Correlations in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	IEM	71 2004	Massimo GIOVANNINI, Margherita GRASSO, Alessandro LANZA and Matteo MANERA: Conditional
in WTI Oil Forward and Futures Returns Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	11-111		
Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:	IEM	72.2004	
	SIEV	73.2004	Margarita GENIUS and Elisabetta STRAZZERA: The Copula Approach to Sample Selection Modelling:

CCI ID	74.2004	Rob DELLINK and Ekko van IERLAND: Pollution Abatement in the Netherlands: A Dynamic Applied General
CCMP	74.2004	Equilibrium Assessment
ETA	75.2004	Rosella LEVAGGI and Michele MORETTO: <u>Investment in Hospital Care Technology under Different Purchasing Rules: A Real Option Approach</u>
CTN	76.2004	Salvador BARBERÀ and Matthew O. JACKSON (lxx): On the Weights of Nations: Assigning Voting Weights in a Heterogeneous Union
CTN	77.2004	Alex ARENAS, Antonio CABRALES, Albert DÍAZ-GUILERA, Roger GUIMERÀ and Fernando VEGA-
CTN	78.2004	REDONDO (lxx): Optimal Information Transmission in Organizations: Search and Congestion Francis BLOCH and Armando GOMES (lxx): Contracting with Externalities and Outside Options
CTN	79.2004	Rabah AMIR, Effrosyni DIAMANTOUDI and Licun XUE (lxx): Merger Performance under Uncertain Efficiency
CTN	80.2004	Gains Francis BLOCH and Matthew O. JACKSON (lxx): The Formation of Networks with Transfers among Players
CTN	81.2004	Daniel DIERMEIER, Hülya ERASLAN and Antonio MERLO (lxx): Bicameralism and Government Formation
CTN	82.2004	Rod GARRATT, James E. PARCO, Cheng-ZHONG QIN and Amnon RAPOPORT (lxx): <u>Potential Maximization</u> and Coalition Government Formation
CTN	83.2004	Kfir ELIAZ, Debraj RAY and Ronny RAZIN (lxx): Group Decision-Making in the Shadow of Disagreement
CTN	84.2004	Sanjeev GOYAL, Marco van der LEIJ and José Luis MORAGA-GONZÁLEZ (lxx): Economics: An Emerging Small World?
CTN	85.2004	Edward CARTWRIGHT (lxx): Learning to Play Approximate Nash Equilibria in Games with Many Players
IEM	86.2004	Finn R. FØRSUND and Michael HOEL: Properties of a Non-Competitive Electricity Market Dominated by
KTHC	87.2004	Hydroelectric Power Elissaios PAPYRAKIS and Reyer GERLAGH: Natural Resources, Investment and Long-Term Income
CCMP	88.2004	Marzio GALEOTTI and Claudia KEMFERT: Interactions between Climate and Trade Policies: A Survey
IEM	89.2004	A. MARKANDYA, S. PEDROSO and D. STREIMIKIENE: Energy Efficiency in Transition Economies: Is There
GG	90.2004	Convergence Towards the EU Average? Rolf GOLOMBEK and Michael HOEL: Climate Agreements and Technology Policy
PRA	91.2004	Sergei IZMALKOV (lxv): Multi-Unit Open Ascending Price Efficient Auction
KTHC	92.2004	Gianmarco I.P. OTTAVIANO and Giovanni PERI: Cities and Cultures
KTHC	93.2004	Massimo DEL GATTO: Agglomeration, Integration, and Territorial Authority Scale in a System of Trading Cities. Centralisation versus devolution
CCMP	94.2004	Pierre-André JOUVET, Philippe MICHEL and Gilles ROTILLON: Equilibrium with a Market of Permits
CCMP	95.2004	Bob van der ZWAAN and Reyer GERLAGH: Climate Uncertainty and the Necessity to Transform Global Energy Supply
CCMP	96.2004	Francesco BOSELLO, Marco LAZZARIN, Roberto ROSON and Richard S.J. TOL: Economy-Wide Estimates of the Implications of Climate Change: Sea Level Rise
CTN	97.2004	Gustavo BERGANTIÑOS and Juan J. VIDAL-PUGA: <u>Defining Rules in Cost Spanning Tree Problems Through</u> the Canonical Form
CTN	98.2004	Siddhartha BANDYOPADHYAY and Mandar OAK: Party Formation and Coalitional Bargaining in a Model of Proportional Representation
GG	99.2004	Hans-Peter WEIKARD, Michael FINUS and Juan-Carlos ALTAMIRANO-CABRERA: The Impact of Surplus Sharing on the Stability of International Climate Agreements
SIEV	100.2004	Chiara M. TRAVISI and Peter NIJKAMP: Willingness to Pay for Agricultural Environmental Safety: Evidence
SIEV	101.2004	from a Survey of Milan, Italy, Residents Chiara M. TRAVISI, Raymond J. G. M. FLORAX and Peter NIJKAMP: A Meta-Analysis of the Willingness to
		Pay for Reductions in Pesticide Risk Exposure Valentina BOSETTI and David TOMBERLIN: Real Options Analysis of Fishing Fleet Dynamics: A Test
NRM	102.2004	Alessandra GORIA e Gretel GAMBARELLI: Economic Evaluation of Climate Change Impacts and Adaptability
CCMP	103.2004	<u>in Italy</u>
PRA	104.2004	Massimo FLORIO and Mara GRASSENI: The Missing Shock: The Macroeconomic Impact of British Privatisation
PRA	105.2004	John BENNETT, Saul ESTRIN, James MAW and Giovanni URGA: Privatisation Methods and Economic Growth in Transition Economies
PRA	106.2004	Kira BÖRNER: The Political Economy of Privatization: Why Do Governments Want Reforms?
PRA	107.2004	Pehr-Johan NORBÄCK and Lars PERSSON: Privatization and Restructuring in Concentrated Markets Angela GRANZOTTO, Fabio PRANOVI, Simone LIBRALATO, Patrizia TORRICELLI and Danilo
SIEV	108.2004	MAINARDI: Comparison between Artisanal Fishery and Manila Clam Harvesting in the Venice Lagoon by Using Ecosystem Indicators: An Ecological Economics Perspective
CTN	109.2004	Somdeb LAHIRI: The Cooperative Theory of Two Sided Matching Problems: A Re-examination of Some
NRM	110.2004	Results Giuseppe DI VITA: Natural Resources Dynamics: Another Look
		Anna ALBERINI, Alistair HUNT and Anil MARKANDYA: Willingness to Pay to Reduce Mortality Risks:
SIEV	111.2004	Evidence from a Three-Country Contingent Valuation Study
KTHC	112.2004	Valeria PAPPONETTI and Dino PINELLI: Scientific Advice to Public Policy-Making Paulo A.L.D. NUNES and Laura ONOFRI: The Economics of Warm Glow: A Note on Consumer's Behavior
SIEV	113.2004	and Public Policy Implications Patrick CAYRADE: Investments in Gas Pipelines and Liquefied Natural Gas Infrastructure What is the Impact
IEM	114.2004	on the Security of Supply?
IEM	115.2004	Valeria COSTANTINI and Francesco GRACCEVA: Oil Security. Short- and Long-Term Policies

IEM	116.2004	Valeria COSTANTINI and Francesco GRACCEVA: Social Costs of Energy Disruptions
IEM	117.2004	Christian EGENHOFER, Kyriakos GIALOGLOU, Giacomo LUCIANI, Maroeska BOOTS, Martin SCHEEPERS, Valeria COSTANTINI, Francesco GRACCEVA, Anil MARKANDYA and Giorgio VICINI: Market-Based Options
IEWI	117.2004	for Security of Energy Supply
IEM	118.2004	David FISK: Transport Energy Security. The Unseen Risk?
IEM	119.2004	Giacomo LUCIANI: Security of Supply for Natural Gas Markets. What is it and What is it not?
IEM	120.2004	L.J. de VRIES and R.A. HAKVOORT: The Question of Generation Adequacy in Liberalised Electricity Markets
KTHC	121.2004	Alberto PETRUCCI: Asset Accumulation, Fertility Choice and Nondegenerate Dynamics in a Small Open Economy
NRM	122.2004	Carlo GIUPPONI, Jaroslaw MYSIAK and Anita FASSIO: An Integrated Assessment Framework for Water
INIXIVI	122.2004	Resources Management: A DSS Tool and a Pilot Study Application
NRM	123.2004	Margaretha BREIL, Anita FASSIO, Carlo GIUPPONI and Paolo ROSATO: Evaluation of Urban Improvement on the Islands of the Venice Lagoon: A Spatially-Distributed Hedonic-Hierarchical Approach
ETA	124.2004	Paul MENSINK: Instant Efficient Pollution Abatement Under Non-Linear Taxation and Asymmetric
		Information: The Differential Tax Revisited Mauro FABIANO, Gabriella CAMARSA, Rosanna DURSI, Roberta IVALDI, Valentina MARIN and Francesca
NRM	125.2004	PALMISANI: Integrated Environmental Study for Beach Management: A Methodological Approach
PRA	126.2004	Irena GROSFELD and Iraj HASHI: The Emergence of Large Shareholders in Mass Privatized Firms: Evidence from Poland and the Czech Republic
CCMP	127.2004	Maria BERRITTELLA, Andrea BIGANO, Roberto ROSON and Richard S.J. TOL: A General Equilibrium Analysis of Climate Change Impacts on Tourism
		Reyer GERLAGH: A Climate-Change Policy Induced Shift from Innovations in Energy Production to Energy
CCMP	128.2004	Savings
NRM	129.2004	Elissaios PAPYRAKIS and Reyer GERLAGH: Natural Resources, Innovation, and Growth
PRA	130.2004	Bernardo BORTOLOTTI and Mara FACCIO: Reluctant Privatization
SIEV	131.2004	Riccardo SCARPA and Mara THIENE: <u>Destination Choice Models for Rock Climbing in the Northeast Alps: A</u> Latent-Class Approach Based on Intensity of Participation
		Riccardo SCARPA Kenneth G. WILLIS and Melinda ACUTT: Comparing Individual-Specific Benefit Estimates
SIEV	132.2004	for Public Goods: Finite Versus Continuous Mixing in Logit Models
IEM	133.2004	Santiago J. RUBIO: On Capturing Oil Rents with a National Excise Tax Revisited
ETA	134.2004	Ascensión ANDINA DÍAZ: Political Competition when Media Create Candidates' Charisma
SIEV	135.2004	Anna ALBERINI: Robustness of VSL Values from Contingent Valuation Surveys
CCMP	136.2004	Gernot KLEPPER and Sonja PETERSON: Marginal Abatement Cost Curves in General Equilibrium: The Influence of World Energy Prices
ETA	137.2004	Herbert DAWID, Christophe DEISSENBERG and Pavel ŠEVČIK: Cheap Talk, Gullibility, and Welfare in an Environmental Taxation Game
CCMP	138.2004	ZhongXiang ZHANG: The World Bank's Prototype Carbon Fund and China
CCMP	139.2004	Reyer GERLAGH and Marjan W. HOFKES: <u>Time Profile of Climate Change Stabilization Policy</u>
NRM	140.2004	Chiara D'ALPAOS and Michele MORETTO: The Value of Flexibility in the Italian Water Service Sector: A Real Option Analysis
PRA	141.2004	Patrick BAJARI, Stephanie HOUGHTON and Steven TADELIS (lxxi): Bidding for Incompete Contracts
PRA	142.2004	Susan ATHEY, Jonathan LEVIN and Enrique SEIRA (lxxi): Comparing Open and Sealed Bid Auctions: Theory and Evidence from Timber Auctions
PRA	143.2004	David GOLDREICH (lxxi): Behavioral Biases of Dealers in U.S. Treasury Auctions
PRA	144.2004	Roberto BURGUET (lxxi): Optimal Procurement Auction for a Buyer with Downward Sloping Demand: More Simple Economics
PRA	145.2004	Ali HORTACSU and Samita SAREEN (lxxi): Order Flow and the Formation of Dealer Bids: An Analysis of
		<u>Information and Strategic Behavior in the Government of Canada Securities Auctions</u> Victor GINSBURGH, Patrick LEGROS and Nicolas SAHUGUET (Ixxi): How to Win Twice at an Auction. On
PRA	146.2004	the Incidence of Commissions in Auction Markets Claudio MEZZETTI, Aleksandar PEKEČ and Ilia TSETLIN (lxxi): Sequential vs. Single-Round Uniform-Price
PRA	147.2004	Auctions
PRA	148.2004	John ASKER and Estelle CANTILLON (lxxi): <u>Equilibrium of Scoring Auctions</u> Philip A. HAILE, Han HONG and Matthew SHUM (lxxi): <u>Nonparametric Tests for Common Values in First-</u>
PRA	149.2004	Price Sealed-Bid Auctions
PRA	150.2004	François DEGEORGE, François DERRIEN and Kent L. WOMACK (lxxi): Quid Pro Quo in IPOs: Why Bookbuilding is Dominating Auctions
CCMP	151.2004	Barbara BUCHNER and Silvia DALL'OLIO: Russia: The Long Road to Ratification. Internal Institution and Pressure Groups in the Kyoto Protocol's Adoption Process
CCMP	152.2004	Carlo CARRARO and Marzio GALEOTTI: Does Endogenous Technical Change Make a Difference in Climate
PRA	153.2004	Policy Analysis? A Robustness Exercise with the FEEM-RICE Model Alejandro M. MANELLI and Daniel R. VINCENT (lxxi): Multidimensional Mechanism Design: Revenue
1 11/1	133.4004	Maximization and the Multiple-Good Monopoly Niveland COCKLA Communic Dis RAPTOLOMEO and Wilfright RALIWELS. In these arms Soons for Communications
ETA	154.2004	Nicola ACOCELLA, Giovanni Di BARTOLOMEO and Wilfried PAUWELS: <u>Is there any Scope for Corporatism in Stabilization Policies?</u>
CTN	155.2004	Johan EYCKMANS and Michael FINUS: An Almost Ideal Sharing Scheme for Coalition Games with
		Externalities
CCMP	156.2004	Cesare DOSI and Michele MORETTO: Environmental Innovation, War of Attrition and Investment Grants

CCI (D	155 2004	Valentina BOSETTI, Marzio GALEOTTI and Alessandro LANZA: How Consistent are Alternative Short-Term
CCMP	157.2004	Climate Policies with Long-Term Goals?
ETA	158.2004	Y. Hossein FARZIN and Ken-Ichi AKAO: Non-pecuniary Value of Employment and Individual Labor Supply William BROCK and Anastasios XEPAPADEAS: Spatial Analysis: Development of Descriptive and Normative
ETA	159.2004	Methods with Applications to Economic-Ecological Modelling
KTHC	160.2004	Alberto PETRUCCI: On the Incidence of a Tax on PureRent with Infinite Horizons
IEM	161.2004	Xavier LABANDEIRA, José M. LABEAGA and Miguel RODRÍGUEZ: Microsimulating the Effects of Household
		Energy Price Changes in Spain
		NOTE DI LAVORO PUBLISHED IN 2005
CCMP	1.2005	Stéphane HALLEGATTE: Accounting for Extreme Events in the Economic Assessment of Climate Change
CCMP	2.2005	Qiang WU and Paulo Augusto NUNES: Application of Technological Control Measures on Vehicle Pollution: A Cost-Benefit Analysis in China
CCMP	3.2005	Andrea BIGANO, Jacqueline M. HAMILTON, Maren LAU, Richard S.J. TOL and Yuan ZHOU: A Global Database of Domestic and International Tourist Numbers at National and Subnational Level
CCMP	4.2005	Andrea BIGANO, Jacqueline M. HAMILTON and Richard S.J. TOL: The Impact of Climate on Holiday Destination Choice
ETA	5.2005	Hubert KEMPF: Is Inequality Harmful for the Environment in a Growing Economy?
CCMP	6.2005	Valentina BOSETTI, Carlo CARRARO and Marzio GALEOTTI: The Dynamics of Carbon and Energy Intensity
		in a Model of Endogenous Technical Change David CALEF and Robert GOBLE: The Allure of Technology: How France and California Promoted Electric
IEM	7.2005	Vehicles to Reduce Urban Air Pollution
ETA	8.2005	Lorenzo PELLEGRINI and Reyer GERLAGH: An Empirical Contribution to the Debate on Corruption
CCI (D	0.2005	Democracy and Environmental Policy Angelo ANTOCI: Environmental Resources Depletion and Interplay Between Negative and Positive Externalities
CCMP	9.2005	in a Growth Model
CTN	10.2005	Frédéric DEROIAN: Cost-Reducing Alliances and Local Spillovers Francesco SINDICO: The GMO Dispute before the WTO: Legal Implications for the Trade and Environment
NRM	11.2005	Debate
KTHC	12.2005	Carla MASSIDDA: Estimating the New Keynesian Phillips Curve for Italian Manufacturing Sectors
KTHC	13.2005	Michele MORETTO and Gianpaolo ROSSINI: Start-up Entry Strategies: Employer vs. Nonemployer firms Clara GRAZIANO and Annalisa LUPORINI: Ownership Concentration, Monitoring and Optimal Board
PRCG	14.2005	Structure
CSRM	15.2005	Parashar KULKARNI: Use of Ecolabels in Promoting Exports from Developing Countries to Developed Countries: Lessons from the Indian LeatherFootwear Industry
KTHC	16.2005	Adriana DI LIBERTO, Roberto MURA and Francesco PIGLIARU: How to Measure the Unobservable: A Panel
		Technique for the Analysis of TFP Convergence
KTHC KTHC	17.2005 18.2005	Alireza NAGHAVI: Asymmetric Labor Markets, Southern Wages, and the Location of Firms Alireza NAGHAVI: Strategic Intellectual Property Rights Policy and North-South Technology Transfer
KTHC	19.2005	Mombert HOPPE: Technology Transfer Through Trade
PRCG	20.2005	Roberto ROSON: Platform Competition with Endogenous Multihoming
CCMP	21.2005	Barbara BUCHNER and Carlo CARRARO: Regional and Sub-Global Climate Blocs. A Game Theoretic
CCIVII	21.2003	Perspective on Bottom-up Climate Regimes Finance CAVALIABO: An Interpreted Milki Criteria Scottom to Access Scottomals Finance Outlines And
IEM	22.2005	Fausto CAVALLARO: An Integrated Multi-Criteria System to Assess Sustainable Energy Options: An Application of the Promethee Method
CTN	23.2005	Michael FINUS, Pierre v. MOUCHE and Bianca RUNDSHAGEN: Uniqueness of Coalitional Equilibria
IEM	24.2005	Wietze LISE: Decomposition of CO2 Emissions over 1980–2003 in Turkey
CTN	25.2005	Somdeb LAHIRI: The Core of Directed Network Problems with Quotas
SIEV	26.2005	Susanne MENZEL and Riccardo SCARPA: <u>Protection Motivation Theory and Contingent Valuation: Perceived Realism</u> , Threat and WTP Estimates for Biodiversity Protection
NRM	27.2005	Massimiliano MAZZANTI and Anna MONTINI: The Determinants of Residential Water Demand Empirical
CCMP		Evidence for a Panel of Italian Municipalities Laurent CH OTTE and Miskel de LAPA: Propositioners: Effect and Varietions of the Value of Information
NRM	28.2005 29.2005	Laurent GILOTTE and Michel de LARA: <u>Precautionary Effect and Variations of the Value of Information</u> Paul SARFO-MENSAH: <u>Exportation of Timber in Ghana</u> : The Menace of Illegal Logging Operations
CCMP	30.2005	Andrea BIGANO, Alessandra GORIA, Jacqueline HAMILTON and Richard S.J. TOL: The Effect of Climate
NRM	31.2005	Change and Extreme Weather Events on Tourism Maria Angeles GARCIA-VALIÑAS: Decentralization and Environment: An Application to Water Policies
NRM	32.2005	Chiara D'ALPAOS, Cesare DOSI and Michele MORETTO: Concession Length and Investment Timing
CCMP	33.2005	Flexibility Joseph HUBER: Key Environmental Innovations
CTN	34.2005	Antoni CALVÓ-ARMENGOL and Rahmi İLKILİÇ (lxxii): Pairwise-Stability and Nash Equilibria in Network
CTN	35.2005	Formation Francesco FERI (lxxii): Network Formation with Endogenous Decay
CTN	36.2005	Frank H. PAGE, Jr. and Myrna H. WOODERS (lxxii): Strategic Basins of Attraction, the Farsighted Core, and
CIN	30.2003	Network Formation Games

CTN	37.2005	Alessandra CASELLA and Nobuyuki HANAKI (lxxii): Information Channels in Labor Markets. On the
		Resilience of Referral Hiring Matthew O. JACKSON and Alison WATTS (lxxii): Social Games: Matching and the Play of Finitely Repeated
CTN	38.2005	Games
CTN	39.2005	Anna BOGOMOLNAIA, Michel LE BRETON, Alexei SAVVATEEV and Shlomo WEBER (lxxii): The Egalitarian Sharing Rule in Provision of Public Projects
CTN	40.2005	Francesco FERI: Stochastic Stability in Network with Decay
CTN	41.2005	Aart de ZEEUW (lxxii): <u>Dynamic Effects on the Stability of International Environmental Agreements</u>
NRM	42.2005	C. Martijn van der HEIDE, Jeroen C.J.M. van den BERGH, Ekko C. van IERLAND and Paulo A.L.D. NUNES: Measuring the Economic Value of Two Habitat Defragmentation Policy Scenarios for the Veluwe, The
INIXIVI	42.2003	Netherlands
PRCG	43.2005	Carla VIEIRA and Ana Paula SERRA: Abnormal Returns in Privatization Public Offerings: The Case of
TREG	15.2005	Portuguese Firms Aug ALBERINI Valenting ZANATTA and Backs BOSATO: Combining Actual and Contingent Behavior to
SIEV	44.2005	Anna ALBERINI, Valentina ZANATTA and Paolo ROSATO: Combining Actual and Contingent Behavior to Estimate the Value of Sports Fishing in the Lagoon of Venice
CTN	45.2005	Michael FINUS and Bianca RUNDSHAGEN: Participation in International Environmental Agreements: The
CIIV	43.2003	Role of Timing and Regulation
CCMP	46.2005	Lorenzo PELLEGRINI and Reyer GERLAGH: Are EU Environmental Policies Too Demanding for New Members States?
IEM	47.2005	Matteo MANERA: Modeling Factor Demands with SEM and VAR: An Empirical Comparison
CTN	48.2005	Olivier TERCIEUX and Vincent VANNETELBOSCH (lxx): A Characterization of Stochastically Stable
		Networks Ana MAULEON, José SEMPERE-MONERRIS and Vincent J. VANNETELBOSCH (lxxii): R&D Networks
CTN	49.2005	Among Unionized Firms
CTN	50.2005	Carlo CARRARO, Johan EYCKMANS and Michael FINUS: Optimal Transfers and Participation Decisions in
KTHC	51.2005	International Environmental Agreements Valeria GATTAI: From the Theory of the Firm to FDI and Internalisation: A Survey
CCMP	52.2005	Alireza NAGHAVI: Multilateral Environmental Agreements and Trade Obligations: A Theoretical Analysis of
CCMP	32.2003	the Doha Proposal
SIEV	53.2005	Margaretha BREIL, Gretel GAMBARELLI and Paulo A.L.D. NUNES: Economic Valuation of On Site Material Damages of High Water on Economic Activities based in the City of Venice: Results from a Dose-Response-
SIL V	33.2003	Expert-Based Valuation Approach
ETA	54.2005	Alessandra del BOCA, Marzio GALEOTTI, Charles P. HIMMELBERG and Paola ROTA: Investment and Time
		to Plan: A Comparison of Structures vs. Equipment in a Panel of Italian Firms Gernot KLEPPER and Sonja PETERSON: Emissions Trading, CDM, JI, and More – The Climate Strategy of the
CCMP	55.2005	EU
ETA	56.2005	Maia DAVID and Bernard SINCLAIR-DESGAGNÉ: Environmental Regulation and the Eco-Industry
ETA	57.2005	Alain-Désiré NIMUBONA and Bernard SINCLAIR-DESGAGNÉ: The Pigouvian Tax Rule in the Presence of an Eco-Industry
NRM	58.2005	Helmut KARL, Antje MÖLLER, Ximena MATUS, Edgar GRANDE and Robert KAISER: Environmental
TVICIVI	30.2003	Innovations: Institutional Impacts on Co-operations for Sustainable Development Dimitra VOUVAKI and Anastasios XEPAPADEAS (lxxiii): Criteria for Assessing Sustainable
SIEV	59.2005	Development: Theoretical Issues and Empirical Evidence for the Case of Greece
CCMP	60.2005	Andreas LÖSCHEL and Dirk T.G. RÜBBELKE: Impure Public Goods and Technological Interdependencies
PRCG	61.2005	Christoph A. SCHALTEGGER and Benno TORGLER: <u>Trust and Fiscal Performance</u> : A Panel Analysis with Swiss Data
ETA	62.2005	Irene VALSECCHI: A Role for Instructions
NRM	63.2005	Valentina BOSETTI and Gianni LOCATELLI: A Data Envelopment Analysis Approach to the Assessment of
TVICIVI	05.2005	Natural Parks' Economic Efficiency and Sustainability. The Case of Italian National Parks Arianne T. de BLAEIJ, Paulo A.L.D. NUNES and Jeroen C.J.M. van den BERGH: Modeling 'No-choice'
SIEV	64.2005	Responses in Attribute Based Valuation Surveys
CTN	65.2005	Carlo CARRARO, Carmen MARCHIORI and Alessandra SGOBBI: Applications of Negotiation Theory to Water
CIII	03.2003	Issues Contact CARRARO Common MARCHIORI and Alexander SCORRI. Advances in Negativities Theorem
CTN	66.2005	Carlo CARRARO, Carmen MARCHIORI and Alessandra SGOBBI: Advances in Negotiation Theory: Bargaining, Coalitions and Fairness
KTHC	67.2005	Sandra WALLMAN (lxxiv): Network Capital and Social Trust: Pre-Conditions for 'Good' Diversity?
KTHC	68.2005	Asimina CHRISTOFOROU (lxxiv): On the Determinants of Social Capital in Greece Compared to Countries of the European Union
KTHC	69.2005	Eric M. USLANER (lxxiv): Varieties of Trust
KTHC	70.2005	Thomas P. LYON (lxxiv): Making Capitalism Work: Social Capital and Economic Growth in Italy, 1970-1995
KTHC	71.2005	Graziella BERTOCCHI and Chiara STROZZI (lxxv): Citizenship Laws and International Migration in Historical
KTHC	72.2005	Perspective Elsbeth van HYLCKAMA VLIEG (lxxv): Accommodating Differences
KTHC	73.2005	Renato SANSA and Ercole SORI (lxxv): Governance of Diversity Between Social Dynamics and Conflicts in
11110	, 5.2003	Multicultural Cities. A Selected Survey on Historical Bibliography Alberto LONGO and Anil MARKANDYA: Identification of Options and Policy Instruments for the Internalisation
IEM	74.2005	of External Costs of Electricity Generation. Dissemination of External Costs of Electricity Supply Making
		Electricity External Costs Known to Policy-Makers MAXIMA

IEM	75.2005	Margherita GRASSO and Matteo MANERA: Asymmetric Error Correction Models for the Oil-Gasoline Price
ETA	76.2005	Relationship Umberto CHERUBINI and Matteo MANERA: Hunting the Living Dead A "Peso Problem" in Corporate
		Liabilities Data
CTN	77.2005	Hans-Peter WEIKARD: Cartel Stability under an Optimal Sharing Rule Joëlle NOAILLY, Jeroen C.J.M. van den BERGH and Cees A. WITHAGEN (lxxvi): Local and Global
ETA	78.2005	Interactions in an Evolutionary Resource Game
ETA	79.2005	Joëlle NOAILLY, Cees A. WITHAGEN and Jeroen C.J.M. van den BERGH (lxxvi): Spatial Evolution of Social Norms in a Common-Pool Resource Game
CCMP	80.2005	Massimiliano MAZZANTI and Roberto ZOBOLI: Economic Instruments and Induced Innovation: The Case of End-of-Life Vehicles European Policies
NRM	81.2005	Anna LASUT: Creative Thinking and Modelling for the Decision Support in Water Management
CCMP	82.2005	Valentina BOSETTI and Barbara BUCHNER: Using Data Envelopment Analysis to Assess the Relative Efficiency of Different Climate Policy Portfolios
ETA	83.2005	Ignazio MUSU: Intellectual Property Rights and Biotechnology: How to Improve the Present Patent System
KTHC	84.2005	Giulio CAINELLI, Susanna MANCINELLI and Massimiliano MAZZANTI: Social Capital, R&D and Industrial Districts
ETA	85.2005	Rosella LEVAGGI, Michele MORETTO and Vincenzo REBBA: Quality and Investment Decisions in Hospital Care when Physicians are Devoted Workers
CCMP	86.2005	Valentina BOSETTI and Laurent GILOTTE: Carbon Capture and Sequestration: How Much Does this Uncertain Option Affect Near-Term Policy Choices?
CSRM	87.2005	Nicoletta FERRO: Value Through Diversity: Microfinance and Islamic Finance and Global Banking
ETA	88.2005	A. MARKANDYA and S. PEDROSO: How Substitutable is Natural Capital?
IEM	89.2005	Anil MARKANDYA, Valeria COSTANTINI, Francesco GRACCEVA and Giorgio VICINI: Security of Energy
CCMP	90.2005	Supply: Comparing Scenarios From a European Perspective Vincent M. OTTO, Andreas LÖSCHEL and Rob DELLINK: Energy Biased Technical Change: A CGE Analysis
PRCG	91.2005	Carlo CAPUANO: Abuse of Competitive Fringe
PRCG	92.2005	Ulrich BINDSEIL, Kjell G. NYBORG and Ilya A. STREBULAEV (lxv): Bidding and Performance in Repo
PKCG	92.2003	Auctions: Evidence from ECB Open Market Operations
CCMP	93.2005	Sabrina AUCI and Leonardo BECCHETTI: The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve
CCMP	94.2005	Francesco BOSELLO and Jian ZHANG: Assessing Climate Change Impacts: Agriculture
CTN	95.2005	Alejandro CAPARRÓS, Jean-Christophe PEREAU and Tarik TAZDAÏT: Bargaining with Non-Monolithic Players
ETA	96.2005	William BROCK and Anastasios XEPAPADEAS (lxxvi): Optimal Control and Spatial Heterogeneity: Pattern Formation in Economic-Ecological Models
a an m		Francesco BOSELLO, Roberto ROSON and Richard S.J. TOL (lxxvii): Economy-Wide Estimates of the
CCMP	97.2005	Implications of Climate Change: Human Health Rob DELLINK, Michael FINUS and Niels OLIEMAN: Coalition Formation under Uncertainty: The Stability
CCMP	98.2005	Likelihood of an International Climate Agreement Valeria COSTANTINI, Riccardo CRESCENZI, Fabrizio De FILIPPIS, and Luca SALVATICI: Bargaining
CTN	99.2005	Coalitions in the Agricultural Negotiations of the Doha Round: Similarity of Interests or Strategic Choices? An Empirical Assessment
IEM	100.2005	Giliola FREY and Matteo MANERA: Econometric Models of Asymmetric Price Transmission
IEM	101.2005	Alessandro COLOGNI and Matteo MANERA: Oil Prices, Inflation and Interest Rates in a Structural
		Cointegrated VAR Model for the G-7 Countries Chiara M. TRAVISI and Roberto CAMAGNI: Sustainability of Urban Sprawl: Environmental-Economic
KTHC	102.2005	Indicators for the Analysis of Mobility Impact in Italy
ETA	103.2005	Livingstone S. LUBOOBI and Joseph Y.T. MUGISHA: HIV/AIDS Pandemic in Africa: Trends and Challenges
SIEV	104.2005	Anna ALBERINI, Erik LICHTENBERG, Dominic MANCINI, and Gregmar I. GALINATO: Was It Something I Ate? Implementation of the FDA Seafood HACCP Program
SIEV	105.2005	Anna ALBERINI and Aline CHIABAI: Urban Environmental Health and Sensitive Populations: How Much are
SIEV	106.2005	the Italians Willing to Pay to Reduce Their Risks? Anna ALBERINI, Aline CHIABAI and Lucija MUEHLENBACHS: Using Expert Judgment to Assess Adaptive
		Capacity to Climate Change: Evidence from a Conjoint Choice Survey Michele BERNASCONI and Matteo GALIZZI: Coordination in Networks Formation: Experimental Evidence on
CTN	107.2005	Learning and Salience
KTHC	108.2005	Michele MORETTO and Sergio VERGALLI: Migration Dynamics
NRM	109.2005	Antonio MUSOLESI and Mario NOSVELLI: Water Consumption and Long-Run Urban Development: The Case of Milan
SIEV	110.2005	Benno TORGLER and Maria A. GARCIA-VALIÑAS: The Determinants of Individuals' Attitudes Towards Preventing Environmental Damage
SIEV	111.2005	Alberto LONGO and Anna ALBERINI: What are the Effects of Contamination Risks on Commercial and Industrial Properties? Evidence from Baltimore, Maryland
SIEV	112.2005	Anna ALBERINI and Alberto LONGO: The Value of Cultural Heritage Sites in Armenia: Evidence from a Travel Cost Method Study
CCMP	113.2005	Mikel GONZÁLEZ and Rob DELLINK: Impact of Climate Policy on the Basque Economy
NRM	114.2005	Gilles LAFFORGUE and Walid OUESLATI: Optimal Soil Management and Environmental Policy

NRM	115.2005	Martin D. SMITH and Larry B. CROWDER (lxxvi): Valuing Ecosystem Services with Fishery Rents: A
INIXIVI	113.2003	Lumped-Parameter Approach to Hypoxia in the Neuse River Estuary Dan HOLLAND and Kurt SCHNIER (lxxvi): Protecting Marine Biodiversity: A Comparison of Individual
NRM	116.2005	Habitat Quotas (IHQs) and Marine Protected Areas
PRCG	117.2005	John NELLIS: The Evolution of Enterprise Reform in Africa: From State-owned Enterprises to Private
PRCG	118.2005	Participation in Infrastructure — and Back? Bernardo BORTOLOTTI: Italy's Privatization Process and Its Implications for China
		Anna ALBERINI, Marcella VERONESI and Joseph C. COOPER: Detecting Starting Point Bias in
SIEV	119.2005	<u>Dichotomous-Choice Contingent Valuation Surveys</u>
CTN	120.2005	Federico ECHENIQUE and Mehmet B. YENMEZ: A Solution to Matching with Preferences over Colleagues Valeria GATTAI and Corrado MOLTENI: Dissipation of Knowledge and the Boundaries of the Multinational
KTHC	121.2005	Enterprise
KTHC	122.2005	Valeria GATTAI: Firm's Intangible Assets and Multinational Activity: Joint-Venture Versus FDI
CCMP	123.2005	Socrates KYPREOS: A MERGE Model with Endogenous Technological Change and the Cost of Carbon
		Stabilization Fuminori SANO, Keigo AKIMOTO, Takashi HOMMA and Toshimasa TOMODA: Analysis of Technological
CCMP	124.2005	Portfolios for CO2 stabilizations and Effects of Technological Changes
CCMP	125.2005	Fredrik HEDENUS, Christian AZAR and Kristian LINDGREN: Induced Technological Change in a Limited
		Foresight Optimization Model
CCMP	126.2005	Reyer GERLAGH: The Value of ITC under Climate Stabilization Labor WELLIS: Driveting in Africa, What has harmoned? What is to be done?
PRCG	127.2005	John NELLIS: Privatization in Africa: What has happened? What is to be done? Raphaël SOUBEYRAN: Contest with Attack and Defence: Does Negative Campaigning Increase or Decrease
PRCG	128.2005	Voters' Turnout?
PRCG	129.2005	Pascal GAUTIER and Raphael SOUBEYRAN: Political Cycles: The Opposition Advantage
ETA	130.2005	Giovanni DI BARTOLOMEO, Nicola ACOCELLA and Andrew HUGHES HALLETT: Dynamic Controllability
		with Overlapping targets: A Generalization of the Tinbergen-Nash Theory of Economic Policy Elissaios PAPYRAKIS and Reyer GERLAGH: Institutional Explanations of Economic Development: the Role of
SIEV	131.2005	Precious Metals
ET A	122 2005	Giovanni DI BARTOLOMEO and Nicola ACOCELLA: Tinbergen and Theil Meet Nash: Controllability in
ETA	132.2005	Policy Games
IEM	133.2005	Adriana M. IGNACIUK and Rob B. DELLINK: Multi-Product Crops for Agricultural and Energy Production –
		an AGE Analysis for Poland Raffaele MINIACI, Carlo SCARPA and Paola VALBONESI: Restructuring Italian Utility Markets: Household
IEM	134.2005	<u>Distributional Effects</u>
SIEV	135.2005	Valentina ZANATTA, Paolo ROSATO, Anna ALBERINI and Dimitrios REPPAS: The Impact of Speed Limits on
		Recreational Boating in the Lagoon of Venice Chi-CHUR CHAO, Bharat R. HAZARI, Jean-Pierre LAFFARGUE, Pasquale M. SGRO, and Eden S. H. YU
NRM	136.2005	(lxxviii): Tourism, Jobs, Capital Accumulation and the Economy: A Dynamic Analysis
NRM	137.2005	Michael MCALEER, Riaz SHAREEF and Bernardo da VEIGA (Ixxviii): Risk Management of Daily Tourist Tax
		Revenues for the Maldives
NRM	138.2005	Guido CANDELA, Paolo FIGINI and Antonello E. SCORCI (lxxviii): The Economics of Local Tourist Systems
NRM	139.2005	Paola De AGOSTINI, Stefania LOVO, Francesco PECCI, Federico PERALI and Michele BAGGIO (lxxviii): Simulating the Impact on the Local Economy of Alternative Management Scenarios for Natural Areas
NRM	140.2005	Simone VALENTE (lxxviii): Growth, Conventional Production and Tourism Specialisation: Technological
		Catching-up Versus Terms-of-Trade Effects Tiago NEVES SEQUEIRA and Carla CAMPOS (lxxviii): International Tourism and Economic Growth: a Panel
NRM	141.2005	Data Approach
NRM	142.2005	Francesco MOLA and Raffaele MIELE (lxxviii): An Open Source Based Data Warehouse Architecture to Support Decision Making in the Tourism Sector
NRM	143.2005	Nishaal GOOROOCHURN and Adam BLAKE (lxxviii): Tourism Immiserization: Fact or Fiction?
		S. MARZETTI Dall'ASTE BRANDOLINI and R. MOSETTI (lxxviii): Social Carrying Capacity of Mass Tourist
NRM	144.2005	Sites: Theoretical and Practical Issues about its Measurement
NRM	145.2005	Sauveur GIANNONI and Marie-Antoinette MAUPERTUIS (Ixxviii): Environmental Quality and Long Run
		Tourism Development a Cyclical Perspective for Small Island Tourist Economies

- (lxv) This paper was presented at the EuroConference on "Auctions and Market Design: Theory, Evidence and Applications" organised by Fondazione Eni Enrico Mattei and sponsored by the EU, Milan, September 25-27, 2003
- (lxvi) This paper has been presented at the 4th BioEcon Workshop on "Economic Analysis of Policies for Biodiversity Conservation" organised on behalf of the BIOECON Network by Fondazione Eni Enrico Mattei, Venice International University (VIU) and University College London (UCL), Venice, August 28-29, 2003
- (lxvii) This paper has been presented at the international conference on "Tourism and Sustainable Economic Development Macro and Micro Economic Issues" jointly organised by CRENoS (Università di Cagliari e Sassari, Italy) and Fondazione Eni Enrico Mattei, and supported by the World Bank, Sardinia, September 19-20, 2003
- (lxviii) This paper was presented at the ENGIME Workshop on "Governance and Policies in Multicultural Cities", Rome, June 5-6, 2003
- (lxix) This paper was presented at the Fourth EEP Plenary Workshop and EEP Conference "The Future of Climate Policy", Cagliari, Italy, 27-28 March 2003
- (lxx) This paper was presented at the 9th Coalition Theory Workshop on "Collective Decisions and Institutional Design" organised by the Universitat Autònoma de Barcelona and held in Barcelona, Spain, January 30-31, 2004
- (lxxi) This paper was presented at the EuroConference on "Auctions and Market Design: Theory, Evidence and Applications", organised by Fondazione Eni Enrico Mattei and Consip and sponsored by the EU, Rome, September 23-25, 2004
- (lxxii) This paper was presented at the 10^{th} Coalition Theory Network Workshop held in Paris, France on 28-29 January 2005 and organised by EUREQua.
- (lxxiii) This paper was presented at the 2nd Workshop on "Inclusive Wealth and Accounting Prices" held in Trieste, Italy on 13-15 April 2005 and organised by the Ecological and Environmental Economics EEE Programme, a joint three-year programme of ICTP The Abdus Salam International Centre for Theoretical Physics, FEEM Fondazione Eni Enrico Mattei, and The Beijer International Institute of Ecological Economics
- (lxxiv) This paper was presented at the ENGIME Workshop on "Trust and social capital in multicultural cities" Athens, January 19-20, 2004
- (lxxv) This paper was presented at the ENGIME Workshop on "Diversity as a source of growth" Rome November 18-19, 2004
- (lxxvi) This paper was presented at the 3rd Workshop on Spatial-Dynamic Models of Economics and Ecosystems held in Trieste on 11-13 April 2005 and organised by the Ecological and Environmental Economics EEE Programme, a joint three-year programme of ICTP The Abdus Salam International Centre for Theoretical Physics, FEEM Fondazione Eni Enrico Mattei, and The Beijer International Institute of Ecological Economics
- (lxxvii) This paper was presented at the Workshop on Infectious Diseases: Ecological and Economic Approaches held in Trieste on 13-15 April 2005 and organised by the Ecological and Environmental Economics EEE Programme, a joint three-year programme of ICTP The Abdus Salam International Centre for Theoretical Physics, FEEM Fondazione Eni Enrico Mattei, and The Beijer International Institute of Ecological Economics.
- (lxxviii) This paper was presented at the Second International Conference on "Tourism and Sustainable Economic Development Macro and Micro Economic Issues" jointly organised by CRENoS (Università di Cagliari and Sassari, Italy) and Fondazione Eni Enrico Mattei, Italy, and supported by the World Bank, Chia, Italy, 16-17 September 2005.

2004 SERIES

CCMP Climate Change Modelling and Policy (Editor: Marzio Galeotti)

GG Global Governance (Editor: Carlo Carraro)

SIEV Sustainability Indicators and Environmental Valuation (Editor: Anna Alberini)

NRM Natural Resources Management (Editor: Carlo Giupponi)

KTHC Knowledge, Technology, Human Capital (Editor: Gianmarco Ottaviano)

IEM International Energy Markets (Editor: Anil Markandya)

CSRM Corporate Social Responsibility and Sustainable Management (Editor: Sabina Ratti)

PRA Privatisation, Regulation, Antitrust (Editor: Bernardo Bortolotti)

ETA Economic Theory and Applications (Editor: Carlo Carraro)

CTN Coalition Theory Network

2005 SERIES

CCMP Climate Change Modelling and Policy (Editor: Marzio Galeotti)

SIEV Sustainability Indicators and Environmental Valuation (Editor: Anna Alberini)

NRM Natural Resources Management (Editor: Carlo Giupponi)

KTHC Knowledge, Technology, Human Capital (Editor: Gianmarco Ottaviano)

IEM International Energy Markets (Editor: Anil Markandya)

CSRM Corporate Social Responsibility and Sustainable Management (Editor: Sabina Ratti)

PRCG Privatisation Regulation Corporate Governance (Editor: Bernardo Bortolotti)

ETA Economic Theory and Applications (Editor: Carlo Carraro)

CTN Coalition Theory Network