

## **IGNASI PUIG VENTOSA**

### **PROFESSIONAL EXPERIENCE**

January 2007 – January 2008. Adviser of the President of the Environment Commission. Spanish Parliament. Madrid.

January 2002 – Now. ENT Environment and Management. Head of research. Consultant in waste management and ecological economics.

September 2001 – March 2002: Ecoinstitut Barcelona. Consultant in environmental projects.

September 1999 – September 2000. Associate Lecturer. Department of Economics and Economic History. Universitat Autònoma de Barcelona.

July – September 2000. Spanish Agency for International Cooperation. Intercampus Grant. Development of an ecotourism project in El Golfo de Fonseca (El Salvador).

July – September 1999. Spanish Agency for International Cooperation. Intercampus Grant. Lecturing a 40-hour course on Energetic and Environmental Economics at San Carlos University (Guatemala)

### **EDUCATION**

2006. PhD in Environmental Sciences (specialisation in ecological economics). Title of the thesis: Economic Instruments Available to Local Governments to Develop Environmental Policies. Universitat Autònoma de Barcelona.

2000 – 2001. Master of Science in Monitoring, Modelling and Management of Environmental Change. King's College London.

1998 – 2000. Master of Arts in Ecological Economics and Environmental Management. Universitat Autònoma de Barcelona.

1992 – 1998. Industrial Engineer. Universitat Politècnica de Catalunya.

### **MAIN PUBLICATIONS**

In English:

- “Charging Systems and Payt Experiences for Waste Management in Spain”. International Journal of Integrated Waste Management, Science and Technology (In Press).
- “Fee and rebate systems to foster ecologically sound urban waste management” (p. 527-534) in Cavaliere, A., Ashiabor, H., Deketelaere, K., Kreiser, L., Milne, J. (Eds.) Critical Issues in Environmental Taxation: International and Comparative Perspectives. Volume III. 2006. Richmond Law & Tax.
- Cañellas, S., González, A.C., Puig, I., Russi, D., Sendra, C., Sojo, A. Material Flow Accounting of Spain. International Journal of Global Environmental Issues, Vol. 4, 2004. No. 4, 229-241.
- “New Landfill Tax in Catalonia, Spain”. Green Budget News 8/06/2004. European Newsletter on Environmental Fiscal Reform.
- “Stabilizing Spain”. Waste Age. March 2004.
- “Potential use of feebate systems to foster environmentally sound urban waste management”. International Journal of Integrated Waste Management, Science and Technology, 24. 2004. p. 3-7.
- Puig, I., Roca, J., Tello, E., Esquerrà, J. (2003) “Greening Local Taxes in Barcelona to Foster Energy Efficiency”, p. 535-539. In Ulgiati, S. (Ed.). Proceedings to the 3rd Biennial International Workshop Advances in Energy Studies. Reconsidering the importance of Energy. Porto Venere, Italy, 24-28 September 2002.
- “Spain: First experience of pay-as-you-throw scheme”. Green Budget News, 3. European Newsletter on Environmental Fiscal Reform. July, 2003.
- “Modelling ecoindustrial park responses to different environmental policies”. Proceedings to the Third International Conference of the European Society for Ecological Economics (ESEE). Vienna, 2000.

In Catalan o Spanish:

- 2006 – Now: Co-editor of the biannual journal “Ecología Política” (Political Ecology).

#### Articles/Chapters:

- “La ambientalización de las ordenanzas fiscales” (The greening of municipal fiscal ordinances). *Crónica Tributaria*. Instituto de Estudios Fiscales, Ministerio de Hacienda (In Press).
- Puig, I., Freire, J. "Efectos de las políticas ambientales sobre la competitividad" (Effects of environmental policies on competitiveness). *Revista de la Red Iberoamericana de Economía Ecológica, REVIBEC* Vol. 6, junio 2007.
- Álvarez Prado, L., Puig Ventosa, I. “La fiscalidad de los residuos comerciales” (Charging commercial wastes). *Revista Residuos* (94): p22-29. Noviembre – diciembre 2006.
- Almazor Escartín, L., Puig Ventosa, I. “Introducción de criterios sociales en las ordenanzas fiscales municipales” (Introduction of social criteria in fiscal ordinances). *Tributos Locales*, 48: 89-98. 2005.
- “Las tasas de basuras de pago por generación. El caso de Torrelles de Llobregat” (Pay-as-you-throw schemes. The case of Torrelles de Llobregat). *Crónica Tributaria*, 111, 2004: 135-148. Instituto de Estudios Fiscales, Ministerio de Hacienda.
- Hercowitz, M., Puig Ventosa, I. “Fiscalidad ambiental y turismo – tres casos de estudio”. (Environmental taxation and tourism – three case studies). *Revista Impuestos*. Bogotá, Colombia, 117, May – June 2003: 10-15.
- “Instrumentos económicos municipales para incentivar de la reducción y el reciclaje” (Economic instruments to foster waste prevention and recycling). *Revista Interdisciplinar de Gestión Ambiental*. December 2002.
- “Definición de tasas municipales de gestión de residuos para incidir en la reducción y el reciclaje”, p. 85-105 (Municipal waste charges to foster waste prevention and recycling), in Romano and Barrenechea (Eds.). *Instrumentos económicos para la prevención y el reciclaje de los residuos urbanos*. Bakeaz/Fundación Ecología y Desarrollo. Bilbao. 2001.

#### Books:

- Puig, I. (Ed.), Álvarez, L., Aymemí, A., Coll, E., Colomer, J., Giró, F., Martín, P., Salvans, C. “Manual per la recollida porta a porta” (Door to door waste collection). *Associació de municipis per la recollida porta a porta – Agència de Residus de Catalunya*. 2007 (In Press).
- Puig, I., Freire, J., Almazor, L. "Política ambiental i competitivitat de l'economia catalana" (Environmental policy and competitiveness of the Catalan economy). *Temes de medi ambient i habitatge*, 2. Generalitat de Catalunya. 2007.
- “Polítiques locals per a la reducció dels residus municipals” (Local policies for waste prevention). *Fundació Pi i Sunyer – Diputació de Barcelona*. 2006.
- Roca, J., Puig, I., Tello, E. “Experiències autonòmiques de fiscalitat ambiental i propostes per a Catalunya” (Regional environmental taxation experiences, and proposals for Catalonia). *Temes de medi ambient i habitatge*, 1. Generalitat de Catalunya. 2005.
- Roca, J., Puig, I., Hercowitz, M., Hernández, O. “Fiscalidad y medio ambiente en la isla de Lanzarote” (Environment and taxation in Lanzarote, Canary Islands). *Cabildo de Lanzarote – Life Lanzarote 2001-2004*, European Union. 2003.
- “Fiscalitat ambiental local” (Environmental taxation at the local level). *Fundació Pi i Sunyer – Diputació de Barcelona*, 2004.
- Ortega, M., Martínez Alier, J., Puig, I., Ramos, J., Russi, D., Ungar, P. “Deuda Ecológica” (Ecological Debt). *Editorial Icària, Contraargumentos*, 1. 2003.
- Esquerrà, J., Puig, I., Roca, J., E. Tello. “Estudi per la introducció de tributació ambiental a l'Ajuntament de Barcelona” (Introduction of environmental taxation in Barcelona). *Barcelona City Council*. 2002.

## **MAIN CONTRIBUTIONS IN INTERNATIONAL CONFERENCES**

- 18-20th October 2007. "The unsustainable dependence of Spanish Local Treasuries on taxes and charges related to construction activities". 8th Global Conference on Environmental Taxation, Munich.
- 23th February 2007 "Environmentally Harmful Subsidies in Spain". Conference on "Environmentally Harmful Subsidies", organised by Euronatura. Lisboa.
- 23th May 2006. "Economic instruments to foster waste prevention". Waste prevention, waste policy and innovation. ESTO-WASTE Workshop. Copenhagen.
- 9-11th September 2004. "Feebate Systems: a Tool to Foster Ecologically Sound Urban Waste Management". 5th Annual Global Conference on Environmental Taxation. Pavia, Italy.
- 18-19th June 2004. "Tributación ambiental y turística: propuestas" (Environmental taxation and taxation of tourism). Roca, J., Puig, I., Hercowitz, M. I Encuentro de la Asociación Hispano-Portuguesa de Economía de los Recursos Naturales y Ambientales. Vigo, Spain.
- 8-10th June 2004. "La experiencia de la tasa de basura de pago por generación de Torrelles de Llobregat" (The Pay-As-You-Throw Experience of Torrelles de Llobregat). XXXI Conferencia anual Ategrus. Madrid, Spain.
- 16th December 2003. "Pay-As-You-Throw and Feebate Systems". European Compost Network International Workshop. Barcelona, Spain.
- 7-9th May 2003. "Sistemas de recogida y selección de residuos" (Waste collection and selection systems). Retos y oportunidades para marcos legales. Tulane University (USA) and Cuban Environmental Ministry. La Havana, Cuba.
- 26-27th March 2003. "El uso de instrumentos económicos para potenciar las energías renovables y el ahorro energético desde el ámbito local" (The use of economic instruments to foster renewable energies at the local level). European conference on energy management at the local level, Sevilla.
- February 2003. Pòster "Taxes, environment and tourism in the island of Lanzarote". Roca, J., Puig, I., Hercowitz, M, Hernández, O. Frontiers in Ecological Economics, Tenerife, Spain.
- 2-4th December 2002. "Implementing the European Parliament and Council directive on Waste electrical and electronic equipment in Spain", along with Miquel Ortega and Juanjo Iraegui. 10th SETAC Europe LCA Case Studies Symposium/ISIE Meeting, Barcelona.
- 23th September 2002. "The new proposal of waste tax in Torrelles de Llobregat". Technical Meeting on Biowaste Management in Catalonia. European Compost Network. Torrelles de Llobregat, Spain.
- 12-13th June 2002. "Instrumentos económicos para el incentivo de la reducción y el reciclaje" (Economic instruments to foster waste reduction and recycling). XXIX Conferencia anual Ategrus. Madrid.
- 6-9th March 2002. "Cellular automata models. The case of forest fires". 7<sup>th</sup> Biennial Conference of the International Society of Ecological Economics. Sousse, Tunis.
- 10-14th December 2001. Poster "Cellular automata models. A Useful Modeling Tool to Define Environmental Policy for Forest Fires". American Geophysical Union (AGU). Fall meeting. San Francisco, USA.
- 3-7th July 2001."Cellular automata models. A useful modeling tool to define environmental policy. The case of the forest fires". Frontiers in Ecological Economics 2001. Cambridge, United Kingdom.
- 18-22th June 2001. "La reducción de la generación de residuos urbanos" (Prevention of Municipal Waste). Third International Convention on Environment and Development. La Havana, Cuba.
- 3-6th May 2000. "Modelling ecoindustrial park responses to different environmental policies". Third International Conference of the European Society for Ecological Economics (ESEE). Vienna University of Economics and Business Administration. Vienna.
- 28th July 1999. "La sustentabilidad en la explotación de recursos" (Sustainability in the extraction of natural resources). Situación actual, riesgos y oportunidades del sector minero en Guatemala. Guatemala.

### **OTHER ENVIRONMENTAL COURSES OR SEMINARS**

22-24th September 2005. 6th Annual Global Conference on Environmental Taxation. Leuven, Belgium.

25-29th April 2002. International Seminar "Social Metabolism. Physical indicators of unsustainability". Centre d'Estudis Ambientals - IFF, Social Ecology, Viena. Universitat Autònoma de Barcelona.

11-15th March 2002. Training course. Physical Accounting: MFA, EFA, and HANPP: Concepts, methods and applications. IFF, Social Ecology, Viena.

17th November 2000. Spatial Modelling of the Terrestrial Environment. Birbeck College London. Organized by the Remote Sensing Society.

July 2000. Second International Summer Course on Environment. Environment and Society: new trends. Andorra.

September 1999. Advanced Course in Decision Tools and Processes for Integrated Environmental Assessment. Environment and Climate Programme. European Commission. Held at Universitat Autònoma de Barcelona.

July 1999. First International Summer Course on Environment. Environment and Society: new trends. Andorra.

January 1999. "Workshop in Complex Systems Analysis", European Project "Environmental Valuation in Europe". Barcelona.