

## **Arnaud REYNAUD**

### **Director TSE-R, Senior researcher at INRAE, Professor at TSE**

Université Toulouse 1 Capitole  
1, Esplanade de l'Université  
31080 TOULOUSE cedex 6

E-mail: [arnaud.reynaud@inra.fr](mailto:arnaud.reynaud@inra.fr)  
Tel: (33)-5-61-12-85-12  
Fax: (33)-5-61-12-85-20

#### **METRICS**

h-index = 28, i10 index = 54 (Google Scholar April 2020)

h-index=23, RG Score = 29.31 (Research Gate April 2020)

#### **ACADEMIC POSITION**

Director of TSE-R, January 2020 – present

Member of the Toulouse School of Economics, Sept. 2007 – present.

Senior researcher, National Research Institute for Agriculture, Food and Environment, Sept. 2007 – present.

Deputy Director of TSE-R, January 2016 – December 2019

Scientific Officer, European Commission (Joint Research Centre), Sept 2013 – August 2015

Junior Researcher, National Institute for Research in Agriculture, 2000 – 2007.

#### **EDUCATION**

“Habilitation” to supervise doctoral researches, University of Toulouse I Capitole, 2007.

Ph.D., University of Toulouse I Capitole, Highest Honors, 2000.

#### **HONNORS AND AWARDS**

Outstanding Vitae Award, Toulouse School of Economics, since 2013.

Award for scientific excellence (“Prime d’excellence scientifique”) INRA, 2010-2018.

“Lauriers de la recherche”, city of Toulouse. 2009.

Quality of Research Discovery Award, for the article « Estimating Intertemporal Preferences for Natural Resource Allocation » published in the *American Journal of Agricultural Economics*, 2006.

Best article in economics of the environment at the Brazilian annual economics conference for the article « Competitiveness and Effectiveness Concerns in Water Charge Implementation: A Case Study of the Paraíba do Sul River Basin, Brazil », 2006.

Prize “Ozenne”, Academy of Sciences in Toulouse, for the PhD Dissertation “Sustainable management of a natural resource: the case of the Groundwater system in Gironde”, 2000.

#### **INTERNATIONAL EXPERIENCE**

Scientific Officer, European Commission, Joint Research Centre, Ispra, Italy. Sept. 2013 – August 2015.

Visiting scholar, Department of Economics, University of California at San Diego, US, Sept. 2012 – June 2013.

Visiting scholar, Institute of Applied Economics Studies, Rio (Brazil). May 2005.

Visiting scholar, Department of Applied Economics, University of Cambridge (UK). Sept.–Dec. 2002.

Visiting scholar, Department of Economics, University of California at Davis, US, Sept. 2000 – Aug. 2001.

**PUBLISHED ARTICLES**

- [54] Reynaud, A. and C. Aubert. “Does Flood Experience Modify Risk Preferences? Evidence From an Artefactual Field Experiment in Vietnam”, *The Geneva Risk and Insurance Review*. 45, 36–74, 2020.
- [53] Chabé-Ferret, S, P. Le Coent, A. Reynaud, J. Subervie and D. Lepercq. “Can We Nudge Farmers Into Saving Water? Evidence from a randomized experiment”. *European Review of Agricultural Economics*, Volume 46, Issue 3, Pages 393–416, 2019.
- [52] Markantonis Vasileios, Reynaud Arnaud, Karabulut Armagan, El Hajj Rana, Altinbilek Dogan, Awad Ibrahim M., Bruggeman Adriana, Constantianos Vangelis, Mysiak Jaroslav, Lamaddalena Nicola, Matoussi Mohamed Salah, Monteiro Henrique, Pistocchi Alberto, Pretato Ugo, Tahboub Naser, Tunçok Ismail Kaan, Ünver Olcay, Van Ek Remco, Willaarts Bárbara, Bülent Sönmez, Zakir Turan, Bidoglio Giovanni. “Can the Implementation of the Water-Energy-Food Nexus Support Economic Growth in the Mediterranean Region? The Current Status and the Way Forward”, *Frontiers in Environmental Science*, 7, 2019.
- [51] Farinosi, F., C. Giupponi, A. Reynaud, G. Ceccherini, C. Carmona-Moreno, A. De Roo, D. Gonzalez-Sanchez and G. Bidoglio. “An innovative approach to the assessment of hydro-political risk: a spatially explicit, data driven indicator of hydro-political issues.” *Global Environmental Change*. Volume 52, Pages 286-313, 2018.
- [50] Reynaud, A., M. Pons and C. Pesado. “Household Water Demand in Andorra: Impact of Individual Metering and Seasonality”, *Water*. 10(3), 2018.
- [49] Reynaud A., M-H Nguyen and C. Aubert. “Is there a demand for flood insurance in Vietnam? Results from a choice experiment” *Environmental Economics and Policy Studies*. 10.1007/s10018-017-0207-4, 2017.
- [48] Reynaud, A., D. Lanzanova, C. Liqueste and B. Grizzetti. “Going Green? Ex-post Valuation of a Multipurpose Water Infrastructure in Northern Italy” *Ecosystem Services*. 70-81, 2017.
- [47] Bougherara, D., X. Gassmann, L. Piet and A. Reynaud. “Structural estimation of farmers’ risk and ambiguity preferences: A field experiment”. *European Review of Agricultural Economics*. 1-27. doi: 10.1093/erae/jbx011. 2017.
- [46] Reynaud, A., D. Lanzanova. “A global meta-analysis of the value of ecosystem services provided by lakes”. *Ecological Economics*. Volume 137, 184-194. 2017.
- [45] Reynaud, A., D. Lanzanova, M.B. Milovanovicz and A. de Roo. “Informing Water Policies With a Residential Water Demand Function: The Case of Serbia”. *European Journal of Comparative Economics*. Volume 13, 247-266. 2016.
- [44] Udias, A., A. Malagò, M. Pastori, O. Vigiak, A. Reynaud, F-J. Elorza, F. B. “Identifying efficient Nitrate reduction strategies in the Upper Danube”. *Water*. 2016(8), 371; doi:10.3390/w8090371. 2016.
- [43] Reynaud A. “Assessing the impact of full cost recovery of water services on European households”. *Water Resources & Economics*. Volume 14, April, 65–78. 2016
- [42] Grizzetti, B., Liqueste C., Lanzanova, D. and A. Reynaud. “Assessing water ecosystem services for water resource management”. *Environmental Science & Policy*. Volume 61, July, 194–203. 2016.
- [41] Reynaud A., and M-H Nguyen. “Valuing Flood Risk Reductions”. *Environmental Modeling & Assessment*. DOI 10.1007/s10666-016-9500-z. 2016.
- [40] Liqueste C., Cid N., Lanzanova D., Grizzetti B. and A. Reynaud. Linking biodiversity and ecosystem services for decision-making. The case of the nursery function. *Ecological Indicators*. Volume 63, April, 249–257. 2016.
- [39] Karabulut A., B. N. Egoh, D. Lanzanova, B. Grizzetti, G. Bidoglio, L. Pagliero, F. Bouraoui, A. Aloe, A. Reynaud, J. Maes, I. Vandecasteele, S. Mubareka, Mapping water provisioning services to support the ecosystem–water–food–energy nexus in the Danube river basin, *Ecosystem Services*, Volume 17, pages 278–292. 2016
- [38] Reynaud A., V. Markantonis, C. Carmona Moreno, Y. N’Tcha M’Po, G. W. Sambienou, F.M. Adandedji, A. Afouda, E. Kossi Agbossou and D. Mama. Combining Expert and Stakeholder Knowledge to Define Water Management Priorities in the Mékrou River Basin. *Water*, 7, 7078–7094; doi:10.3390/w7126675. 2015.

- [37] Ambec, S., A. Garapin, L. Muller, A. Reynaud and C. Sebi «Pareto-Improving Regulatory Instruments to protect the Commons: an Experimental Investigation». *Environmental and Resource Economics*. 58(2), 219-244. 2014.
- [36] Reynaud A., C. Aubert and M-H Nguyen. “Living with Floods: Flood Protective Behaviours and Flood Risk Perception of Vietnamese Households”. *The Geneva Papers on Risk and Insurance - Issues and Practice*. 38(3), 547-579, 2013.
- [35] Dury, J, F. Garcia, A. Reynaud and Bergez J-E. “Cropping-plan decision-making on irrigated crop farms: a spatio-temporal analysis”. *European Journal of Agronomy*. 50, 1–10, 2013.
- [34] Bocquého, G., F. Jacquet and A. Reynaud. «Reversal and magnitude effects in long-term time preferences: Results from a field experiment». *Economic Letters*. 120(1), 108–111, 2013.
- [33] Bocquého, G., F. Jacquet and A. Reynaud. «Expected utility or prospect theory maximisers? Results from field-experiment data». *European Review of Agricultural Economics*. DOI: 10.1093/erae/jbt006. 2013.
- [32] Sidibé Y., Terreaux J-P., Tidball M. and A. Reynaud. «Comparison of two agricultural water pricing systems with reservation and consumption». *Agricultural Economics*. DOI: 10.1111/j.1574-0862.2012.00628.x. 43(1), 141–155. 2012.
- [31] Reynaud, A. and Thomas, A. «Firm’s Profitability in Water and in Network Industries: An Empirical Analysis». *Utilities Policy*. DOI: 10.1016/j.jup.2012.07.002. 2012.
- [30] Reynaud, A. «Assessing the Impact of Price and Non-Price Policies on Residential Water Demand: Case study in Wisconsin». *International Journal of Water Resources Development*. DOI:10.1080/07900627.2012.721670. 2012.
- [29] Garcia, S., S. Couture and A. Reynaud. «Household Energy Choices and Fuelwood Consumption: An Econometric Approach Using French Data». *Energy Economics*, 34, 1972-1981. 2012.
- [28] Couture S. and A. Reynaud. «Stability of Risk Preference Measures: Results From a Field Experiment on French Farmers». *Theory & Decision*, 72(2), 203-221. 2012.
- [27] Leenhardt D., Therond O, Reynaud A., Cordier M-O., Gascuel C., Clavel L., Moreau P. 2012. «A generic framework for scenario exercises using models. Application to water resource management». *Environmental Modelling and Software*, 37, 125-133. 2012.
- [26] Reynaud A. and J. Féres. «Does formal or informal environmental regulation have an impact on cost? An empirical analysis of Brazilian manufacturing industry». *Environmental and Resources Economics*, 52(1), 65-85. 2012.
- [25] Dury, J., N. Schaller, F. Garcia, A. Reynaud and Bergez J-E. «Model to support cropping plan and crop decisions: A review». *Agronomy for Sustainable Development*, 32(2), 567-580. 2012.
- [24] Féres, J., A. Reynaud and A. Thomas. «Water Reuse in Brazilian Manufacturing Firms». *Applied Economics*. 44(11), 1417-1427. 2012.
- [23] Ambec, S., Amigues, J-P., Reynaud, A. and F. Salanié. “Quels instruments pour la gestion quantitative de l’eau ? Une analyse économique. *Agronomie, Environnement & Sociétés*, 2(2), 29–43. 2012.
- [22] Couture S. and A. Reynaud. «Forest Management Under Fire Risk When Forest Carbon Sequestration Has Value». *Ecological Economics*. 70(11). 2011.
- [21] De Cara, S., Jacquet, F., Reynaud A., Goulevant, G., Jeuffroy, M.-H., Montfort, F. and P. Luca. «Economic analysis of summer fallow management to reduce take-all disease and N-leaching in a wheat crop rotation. *Environmental Modelling and Assessment* 16(1), 91-105. 2011.
- [20] Reynaud A. «Private sector participation, regulation and social policies in water supply in France». *Oxford Development Studies*. 38(2). 219 – 239. 2010.
- [19] Mosnier, C., M. Lherm, J. Agabriel and A. Reynaud. «A dynamic bio-economic model to simulate optimal adjustments of suckler cow farm management to production and markets shocks». *Agricultural Systems*, 102(1-3). 77-88. 2009.
- [18] Reynaud A. «Adaptation à court et à long terme de l’agriculture face au risque de sécheresse : Une approche par couplage de modèles biophysiques et économiques». *Review of Agricultural and Environmental Studies*, 90 (2), 121-154. 2009.
- [17] D. Leenhardt and A Reynaud. «Répondre aux enjeux socio-économiques, de l’exploitation agricole au territoire». *Innovations Agronomiques*. 2, 65-81. 2008.
- [16] Féres, J., A. Reynaud, A. Thomas and R. Seroa Da Motta «Competitiveness and Effectiveness Concerns in Water Charge Implementation: A Case Study of the Paraíba do Sul River Basin, Brazil». *Water Policy*. 10(5). 595–612. 2008.

- [15] Couture S. and A. Reynaud. «Recursive Utility and Saving in Forest Management Modelling». *Environmental Modelling and Assessment*. 13(2). 181-193. 2007.
- [14] Garcia, S., M. Moreaux and A. Reynaud. «Measuring Economies of Vertical Integration in Network Industries: An Application to the Water Sector». *International Journal of Industrial Organization*. 25(4). 791-820. 2007.
- [13] Moreaux M. and A. Reynaud. «Urban Freshwater Needs and Spatial Cost Externalities for Coastal Aquifers: A Theoretical Approach». *Regional Science and Urban Economics*, 36. 163-186. 2006.
- [12] Carpentier, A., C. Nauges, A. Reynaud and A. Thomas. «Effets de la délégation sur le prix de l'eau potable. Une analyse à partir des résultats de la littérature sur les effets de traitement». *Economie et Prévision*. 174(3). 1-19. 2006.
- [11] Reynaud A., S. Renzetti and M. Villeneuve. «Estimating Domestic Water Demand under Complex Pricing: The Canadian Case». *Water Resources Research*. 41. W11409, doi:10.1029/2005WR004195. 2005.
- [10] Howitt, R., S. Msangi, A. Reynaud and K. Knapp. «Estimating Intertemporal Preferences for Natural Resource Allocation ». *American Journal of Agricultural Economics*. 87(4). 969-983. 2005
- [9] Féres J. and A. Reynaud. «Assessing the Impact of Environmental Regulation on Industrial Water Use: Evidence from Brazil. *Land Economics*, 81(3). 396-411. 2005.
- [8] Aubert C. and A. Reynaud. «The Impact of Regulation on Efficiency: An Empirical Analysis of Wisconsin Water Utilities ». *Journal of Productivity Analysis*. 23(3) 383-409. 2005.
- [7] Reynaud A. and A. Thomas. «Demande domestique en eau et choix de délégation». *Revue Economique*, 56(5), 1145-1168. 2005.
- [6] Moreaux M. and A. Reynaud. «Optimal joint management of a coastal aquifer with a substitute». *Water Resources Research*. (40), 1-10. 2004.
- [5] Garcia, S. and A. Reynaud. «Estimating the benefits of efficient water pricing in France ». *Resource and Energy Economics*, (26), 1-25. 2004.
- [4] Howitt, R and A. Reynaud. «Spatial Disaggregation of Agricultural Production Data Using Maximum Entropy». *European Review of Agricultural Economics*, 30(3), 1-29. 2003.
- [3] Reynaud A. «An econometric estimation of industrial water demand in France ». *Environmental and Resources Economics*. (25), 213-232. 2003
- [2] Nauges C. and A. Reynaud «Estimation de la demande domestique d'eau potable en France ». *Revue Economique*, 52(1), 167-185. 2002.
- [1] Moreaux M., A. Reynaud and B. Caussade. «Redevances et prélèvements optimaux dans les aquifères menacés d'intrusions salines : les principes de base ». *Economie et Prévision*, (143), 155-173. 2001.

#### **PUBLISHED CHAPTERS IN BOOKS**

- [6] Reynaud A. "Public/private partnerships (PPPs) and ownerships in urban water sector" In *Understanding and Managing Urban Water in Transition* Edited by R. Quentin Grafton, Katherine A. Daniell, Céline Nauges, Jean-Daniel Rinaudo, Michael B. Ward, (Noel) Wai Wah Chan (Springer Publishing). 2015.
- [5] Reynaud A. and Garcia-Valiñas, M. "Does residential water use depend on water quality? Some answers from a French case study" In *Understanding and Managing Urban Water in Transition* Edited by R. Quentin Grafton, Katherine A. Daniell, Céline Nauges, Jean-Daniel Rinaudo, Michael B. Ward, (Noel) Wai Wah Chan (Springer Publishing). 2015.
- [4] Mosnier, C., M. Lherm, J. Agabriel and A. Reynaud. «On-farm weather risk management in suckler cow farms: A recursive discrete stochastic programming approach». In *Bio-Economic Models applied to Agricultural Systems*. G. Flichman ed. Springer. 2011.
- [3] Reynaud A. « Assessing the impact of public regulation and private participation on water affordability for poor households: An empirical investigation of the French case». In *Privatization of water: social policy, regulation and PSP in water supply*. Palgrave Macmillan Prasad, N. ed. 2008.
- [2] Dalmas L. and A. Reynaud. « Residential Water Demand in the Slovak Republic». In *Econometrics Informing Natural Resource Management: Selected Case Studies*. Edward-Elgar. 2005.

April, 2020

- [1] Féres, J., A. Reynaud, A. Thomas and R. Seroa Da Motta « Demanda por agua e custo de controle da poluição hídrica em indústrias da bacia do Rio Paraíba do Sul». In Recursos Hídricos: Jovem pesquisador. ISBN 858868616-3. J.N. Campos, N. ed. 2005.

## OTHER PUBLICATIONS

- [6] Datry T, Singer G, Sauquet E, Jorda-Capdevilla D, Von Schiller D, Subbington R, Magand C, Pařil P, Miliřa M, Acuña V, Alves M, Augeard B, Brunke M, Cid N, Csabai Z, England J, Froebrich J, Koundouri P, Lamouroux N, Martí E, Morais M, Munné A, Mutz M, Pesic V, Previřić A, Reynaud A, Robinson C, Sadler J, Skoulikidis N, Terrier B, Tockner K, Vesely D, Zoppini A (2017) Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES). Research Ideas and Outcomes 3: e21774. <https://doi.org/10.3897/rio.3.e21774>
- [5] Reynaud A. and D. Leenhardt. «MoGIRE: A model for integrated water Management». Proceedings of the Intern. Congress on Env. Modelling and Software, IEMSS 2008, Barcelona, Spain. 576-583. 2008..
- [4] Reynaud A. Focus # 6 Eau. CNRS Editions. Contributor. 2010.
- [3] Reynaud A. Economic impacts of drought on agriculture». INRA Sciences Sociales. n°5/04. 2008.
- [2] Carpentier, A., C. Nauges, A. Reynaud and A. Thomas. «Une mesure des effets de la délégation sur le prix de l'eau potable en France». INRA Sciences Sociales. n°2/04. 2004
- [1] Nauges C. and A. Reynaud. «Consommation Domestiques d'Eau potable et Tarification ». INRA Sciences Sociales n° 5/98. 1998.

## RESEARCH FUNDING

Region Occitanie, project "C4EAU, Smart water meters in agriculture". Coordinator. 2018– 2020.

ANR, PENSEE, Payments for ENvironmental Services: an Evidence-based Evaluation. Participant. 2017-2021.

ANR, ATCHA Accompanying The adaptation of irrigated agriculture to climate CHAnge. Participant. 2016-2020.

NAFOSTED, Economic Analysis of Coastal Erosion in Vietnam: Insight from theoretical models and empirical approaches. Participant. 2017-2019.

ANR, project "Political Economy of the Environment". Participant. 2013 – 2016.

CEFIPRA, project AICHA on irrigated agriculture in India. Participant. 2012 – 2015.

Investissement d'avenir, project PROBIO3 on sustainable biofuel for the aviation industry. Participant. 2012 – 2020.

CNRS, project DOPARISK on preferences of patients with Parkinson disease. Participant. 2012 – 2013.

Adour-Garonne Water Agency. Assessment of economic impact of pesticides at the river basin level. Main coordinator. 2010-2013.

Nghe An Province. VIETFLOOD project on flood impacts and management in the Nghean province of Vietnam. <http://www.vcrem.edu.vn/NewsandEvents/tabid/56/language/vi-VN/news/31/project-vietflood.aspx> 2011– 2013.

MEEDDM and ONEMA. Farmer risk aversion and pesticides use. Participant. 2010 – 2013.

INRA. Project on pesticides use by farmers in Guadeloupe. Participant. 2010 – 2011.

ANR, project EVALEAU on integrated environmental and economic performance assessment of drinking water production processes. Participant. 2009 – 2012.

Midi-Pyrénées region, CNRS & MEEDDAT, project EAUSAGE on optimal water management at the river basin. Main coordinator. 2008 – 2011.

April, 2020

ANR, project APPEAU on hydrologic-economic modeling of water use at the river basin level. LERNA coordinator and working package manager. 2007 – 2010.

United Nations. Impact of private participation on the water sector. Main coordinator for France. 2005 – 2006.

ANR, project IMPACTS. Participant. 2005 – 2008.

ANR, project TRANS. LERNA coordinator. 2005 – 2008.

French Ministry of Research, project on forest management under fire risks. Participant. 2005 – 2008.

INRA, project on forest management under fire risks. Main coordinator. 2004.

Canadian Ministry of Environment, project on water pricing in Canada. Main coordinator. 2004.

French Ministry of Environment, project on water pricing. Participant. 2003 – 2004.

Brazilian Ministry of Science (CNPQ/MST), project on water demands. Participant. 2002 – 2004.

INRA, project on agricultural water use. Participant. 2002 – 2005.

University of California at Davis, project on water management in California. 2000 – 2001.

## **TEACHING**

Sustainable management and evaluation of ecosystems, M2 ERNA & M2 EE. University of Toulouse 1 Capitole. 2019-..

Topics in Environmental Economics – Water economics, M2 ERNA & M2 EE, University of Toulouse 1 Capitole. 2018-..

Water Economics, Hanoi Summer School, M2, Water Resources University, Hanoi. 2010, 2012.

Specific Economics of the Water industry, M2, University of Bonn. 2008-2011.

Microeconomics, M2, « The Agro Food Chain ». Agromip, Toulouse. 2005-2010.

Applied water management, M2, ERNA, University of Toulouse 1 Capitole. 2005-2011.

## **CURRENT AND FORMER Ph.D. STUDENTS**

Lan-Anh Nguyen 2018-... (co-advisor Michel Simioni)

Eva Tene. 2018- ... (co-advisor Annie Ouin)

Remy Pignol 2016- 2019 (co-advisor Pascal Loubiere and V. Réquillart)

Xavier Gassmann 2010-2013 (co-advisor D. Bougherara)

Géraldine Bocquého 2008-2012 (co-advisor F. Jacquet).

Jérôme Duruy 2008- 2012 (co-advisor J-E. Bergez and F. Garcia)

Claire Mosnier 2005-2009 (co-advisor A. Thomas)

## **PROFESSIONAL APPOINTMENTS**

Member of the evaluating panel of the Brazilian-Swiss Joint Research Programme, 2019.

Member of the evaluating committee of IRSTEA “water – governance”, 2018.

Member of the ANR scientific committee “Interaction human-environment” CE03, 2018.

Member of the scientific committee of the Labex BASC – Biodiversity, Agroecosystems, Society, Climate. 2016-2018

Member of the scientific committee of the INRA department “Environment and Agronomy”, 2011– 2013.

April, 2020

Elected member of the scientific committee of the INRA department “Social Sciences, Agriculture and Environment, Space et Territory”, 2006 – 2011.

Member of the economics recruiting committee of University Toulouse 1, 2002–2008.

Member of the economics recruiting committee of University Paris IX-Dauphine, 2004–2007

## **PROFESSIONAL ACTIVITIES**

Expert for the European Commission, 2017

Consultant for OECD, 2017

Consultant for OECD, 2016

Consultant for the European Commission, 2016

Expert for the European Environmental Agency (EEA), 2015

Consultant for IDEI. 2012, 2013.

Consultant for Suez Environment. 2011.

Consultant for the United Nations. 2005.

Consultant for the Canadian Ministry of Environment. 2004.

## **EDITING ACTIVITIES**

Invited Editor for a special issue of the journal *Water*. 2017-2018.

Associate Editor of the journal "Review of Agricultural and Environmental Studies". 2003-2010.

Membership: European Association of Environmental and Resource Economics (EAERE), European Association of Agricultural Economics (EAAE).

Referee: American Journal of Agricultural Economics, European Review of Agricultural Economics, Journal of Environmental Economics and Management, Environmental and Resources Economics, Fiscal Studies, Water Resources Research, Journal of the American Water Resources Association, Canadian Water Resources Journal, Revue Economique, Cahiers d’Economie et de Sociologie Rurales.

## **INVITED CONFERENCE OR SEMINAR**

Conference “L’Inra et le défi des relations agriculture-environnement”, Paris, France. 2018.

Chaire Sustainable Finance, Paris, France. 2018.

Workshop “International multidisciplinary Researches in Economics, Environment and Technology”, Hoi An, Vietnam. 2017.

Workshop “Environmental and Natural Resources Conservation”, Montpellier, France. 2016.

Seminar “Hydro-diplomacy”, Ispra, Italy. 2016.

Conference “Impact of the location of agricultural production on ecosystem services”, Dijon France. 2015.

VEAM conference, Hanoi, Vietnam. 2010.

PSDR-Rhône Alpes, Lyon, France. 2010.

PSDR PROUESSES-EAUSAGE. 2010

ENGEEES conference, Strasbourg, France. 2008.

STICS Seminar. Reims, France. 2007.

April, 2020

Workshop on “Social Policy, Regulation and Private Sector Involvement in Water Supply”. Geneva, Switzerland. 2006.

Hispano-Portuguese association of environment and natural resources economics (ARENA). Lisbon, Portugal. 2006.

## **CONFERENCES**

FAERE, Aix en Provence, France, 2018.

IWA, Livorno, Italy, 2017.

VEAM, Saigon, Vietnam, 2017.

EAERE, Athens, Greece, 2017.

Workshop on Environmental Valuation, Bordeaux, France, 2016.

1st International Conference on Water Governance, Lisbon, Portugal, 2015.

FAERE, Toulouse, France, 2015.

EAERE, Helsinki, Finland, 2015.

Workshop on water modelling in the frame of the Danube Water Nexus, Vienna, Austria, 2014.

EAERE, Toulouse, France, 2013.

EAERE, Prague, Czech Republic, 2012.

IMEBE, Barcelona, Spain. 2011.

WCERE, Montreal, Canada. 2010.

IMEBE, Bilbao, Spain, 2010.

Conference in Istanbul, Turkey. Mars 2010.

Conference in Bangalore, India. 2010.

INRA-SFER, Montpellier, France. 2009.

Agence de l’Eau Adour-Garonne, Toulouse, France. 2009.

INRA conference, Hyderabad, India. 2009

IEMSS, Barcelone, Spain. 2008.

EAAE, Ghent, Belgium. 2008.

World water congress, Montpellier, France. 2008.

EARIE, Toulouse, France. 2008

AFSE, Toulouse, France. 2008.

EAERE, Gothenburg, Sweden, 2008.

Conference on “agronomical innovations and drought”, Toulouse, France. 2008.

EAERE, Thessaloniki, Greece, 2007.

EARIE, Amsterdam, Holland, 2006.

IDEI Conference «Public Services and Management: Designs, Issues and Implications for Local Governance », Toulouse, France. 2006.

IWA, Rethymnon, Greece, 2005.

AFSE, Clermont-Ferrand, France. 2005.

International conference on WFD implementation, Paris, France. 2005.

North-American Meeting of the Econometric Society (NAMES), Brown University, US, 2004.



April, 2020

JMA, Lille, France. 2004.

AFSE, Rennes, France. 2004.

LAMES, Panama-city, Panama. 2003.

ESEM, Stockholm, Sweden. 2003.

JMA, Montpellier, France. 2003.

Journées Jeunes Chercheurs de l'INRA, Paris. 2002.

CREE, University of Montreal, Canada. 2002.

European Association of Agricultural Economists conference, Saragossa, Spain. 2002.

World Congress of Environmental and Resource Economists, Monterey, CA, US. 2002.

Conference on "Risk and Uncertainty in Environmental and Resource Economics", WageningenHolland. 2002.

Canadian Resource and Environmental Study Group (CREE), University of Brock, Canada. 2001.

ESEM, Lausanne, Switzerland. 2001.

international Congress on Seawater Intrusion in Coastal Aquifers (SWICA), Essaouira, Morocco. 2001.

Journées Jeunes Chercheurs de l'INRA, Paris, France. 1999.

Journées de Microéconomie Appliquée (JMA), Lyon, France. 1999.

Journées Recherche et Gestion de l'eau, GIS-ECOBAG, Toulouse, France. 1999.

AFSE, Toulouse, France, 1998.

World Congress of Environmental and Resource Economists, Venice, Italy. 1998.

## **SEMINARS**

UC San Diego, US, 2012.

Seminar, University of Montpellier, France. 2011.

Seminar SMART, Rennes, France. 2008.

SCEES Seminar, Paris, France. 2007.

Seminar IPEA, Rio, Brazil. 2005.

Seminar Economie de l'Environnement et des Ressources Naturelles, Paris. 2004.

Seminar « Economie, gestion et politiques publiques de l'environnement et des ressources » ENGREF Montpellier. 2004.

Seminar « Regulation » Applied Economics Department, Cambridge, UK, 2003.

Econometrics Seminar, Toulouse, 2001.

Department of Agricultural and Resource Economics, University of California, Davis, US. 2001.

Commission Locale de l'Eau (CLE), Bordeaux, France. 2000.

Seminar « Management and Tarification of Water: The Morocco Case », University Cady Ayyad, Marrakech, Morocco. 1999.

Seminar MAD-ERASME, Ecole Centrale de Paris, Paris, France. 1999.