

# CURRICULUM VITAE

## NICOLA GALLAI

**Lecturer at the University of Montpellier I, France.**

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### PERSONAL

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Citizenship: French and Italian

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### RESEARCH INTEREST

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Environmental economy, microeconomics, economic valuation, ecosystem services valuation, politic economic, ecological economy,

Publications: one refereed journal article, co-editor of a scientific book, 2 refereed book chapters and 3 more in process, 2 technical reports.

Conference proceedings: 7, of which 5 in International conferences, one national conference and one local meeting.

Referee: 3 articles for “Ecological Economics” and one article for “Biological Conservation”

### EDUCATION

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**Ph.D. in environmental economics**, University of Montpellier I, France, entitled:

« Economic valuation of the insect pollinator impact on European agriculture », defended in September 29 in 2009.

Thesis advisors: Jean-Michel Salles, research fellow at CNRS (Centre National de Recherche Scientifique), UMR LAMETA, and Bernard Vaissière, research fellow at INRA (Institut National de la Recherche Agricole), UMR LPEA.

Jury: Pr Timo Goeschl (Referee, professor at the University of Heidelberg), Dr. Pierre-Alain Jayet (Referee, research director at INRA), Dr. Barbara Herren (Examiner, Global Pollination Project coordinator at the Food and Agriculture Organization of the United Nations), Pr. Jean-Marie Boisson (Examiner and chair of the committee, professor at University of Montpellier I)

**Master degree in economics**,

2002-2003 Second year of Master's: economic analysis, modeling and quantification at the University of Montpellier I

*Thesis on Analysis of the competition between stock exchanges: The case of Euronext / LSE for the purchase of the LIFFE*

2001-2002 First year of Master: Money and finance, University of Nice – Sophia Antipolis, France

*Thesis describing the new competition between stock exchanges*

**Bachelor degree** in Business Administration with concentration on finance, 1998 – 2001, at the University of the Québec, Montréal (UQAM, Canada)

## **Additional education**

24 – 26 Mai 2007

Week of statistical analyses of data on R. Formation in statistics using the software R (CEREGE, Marseille)

29 January – 1 February 2007

Workshop on the theme: Introduction to modeling (La Rochelle).

28 August – 9 September 2006

Summer school on the theme: «Biodiversity and ecosystem services - ecological and socio-economics aspect » : - Courses on sustainable development and on world vulnerability to a decline in ecosystem services using the tool: « Millennium Ecosystem Assessment » ; - Case study on the vulnerability of the Alps.

7 – 10 March 2006

Workshop on the theme: “How to answer the challenge of sustainable development?” (Paris). The workshop was dedicated to analysis and creation of sustainable development indicators.

## **Others**

### Language

French: mother tongue

English: fluent, numerous presentation in conferences.

Italian: good knowledge

Spanish: good knowledge

### Computing tools

OS: Windows, Mac and Linux (Unbuntu)

Office: Excel, Word, Access, Power Point;

Also... Latex, Keynote, Numbers, Pages and Open Office

Mathematics: Mapple 11

Statistics: R software, Excel Stat and SAS

GIS: QGIS

## **WORKING EXPERIENCE**

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February to April, 2009 Contract with FAO (Food & Agriculture Organization)

Within the framework of the project "Preservation and management of insect pollinators for a sustainable agriculture through an approach using ecosystem services", elaboration of the directives for the economic evaluation of the pollination service on the scale of a country: case of Nepal and Ghana. These directives are based on the article: Gallai N, Salles JM, Settele J, Vaissière BE, 2009. Economic valuation of the vulnerability of world agriculture confronted to pollinator decline. Ecological Economics (68), 810-821. I also created a matrix of data allowing the automation of the calculation process. This matrix is used by all countries and member organizations of the project (more information is available at the following address: [http://www.fao.org/agriculture/crops/news-events-bulletins/detail/in/item/39397/icode/?No\\_cache=1](http://www.fao.org/agriculture/crops/news-events-bulletins/detail/in/item/39397/icode/?No_cache=1))

**Articles in refereed journals and books**

Gallai N, Salles JM, Settele J, Vaissière BE, 2009. *Economic valuation of the vulnerability of world agriculture confronted to pollinator decline*. **Ecological Economics** (68), 810-821

Gallai N, Carré G, Enjolras G, Reginster I, Salles JM, Vaissière BE, 2009. *Evolution of agricultural vulnerability in Europe confronted with pollinator decline: a case study comparing Germany and Spain* In **Assessing biodiversity risks with socio-economic methods: ALARM experience**, Pensoft Publishers, Sofia, Bulgaria, p300.

Gallai N, Salles JM, Carré G, Morison N, Vaissière BE, 2009. *Monetary valuation of the pollination service provided by insects to European agriculture* In **Atlas of Biodiversity Risks (From Europe to the Globe and from Stories to Maps)**, Pensoft Publishers, Sofia, Bulgaria.

**Books**

Rodriguez-Labajos B, Spangenberg J, Maxim L, Martinez-Alier J, Binimelis R, Gallai N, Kuldna P, Monterroso I, Peterson K, Uustal M, eds, 2009. **Assessing biodiversity risks with socio-economic methods: ALARM experience**, Pensoft Publishers, Sofia, Bulgaria, p300.

**Working papers**

Gallai N, Salles JM, Vaissière BE., 2009. *Economic impact of insect pollinators decline : a general equilibrium analysis*. **Working paper LAMETA 2009-17** : <http://www.lameta.univ-montp1.fr/Documents/DR2009-17.pdf>

Gallai N, Salles JM, Vaissière BE. *The economics of insect pollination: from externality issues to service valuation and pollinator decline analysis*.

Gallai N, Carré G, Enjolras G, Reginster I, Salles JM, Vaissière BE. *Evolution of agricultural vulnerability in Europe confronted with pollinator decline*.

**Non-scientific publications**

Gallai N, Salles JM, Vaissière BE., 2009. *Evaluation de la contribution du service de pollinisation à l'agriculture Européenne*. **Bulletin Technique Apicole**, 36, 110-116.

Gallai N, Salles JM, Vaissière BE., 2009. *Vulnerability of world agriculture confronted with insect pollinator decline*. **Encyclopedia of the Earth**, In press.

## COMMUNICATIONS

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28 June – 4 July 2010

WCERE Conference (Montréal, Canada)

Gallai N, Salles JM, Vaissière BE. *Ecosystem services in a general equilibrium setting: the case of insect pollination.*

29 June – 3 July 2009

WEAI Conference (Vancouver, Canada)

Gallai N, Salles JM, Vaissière BE. *Economic impact of insect pollinators decline, a multimarket analysis.*

October 2008

PhD student conference in economics at INRA (Montpellier, France)

Gallai N, Salles JM, Vaissière BE, *Of bees and men: insect pollination in economic literature.*

September 2008

EURECO-GFOE (Leipzig, Germany)

Gallai, N; Carré, G; Enjolras, G; Reginster, I, Salles, JM and Vaissière, BE. *Evolution of agricultural vulnerability in Europe confronted with pollinator decline.*

June 2008

Conference on environmental economics (Montpellier, France)

Gallai N, Salles JM, Settele J, Vaissière BE. *Economic valuation of the vulnerability of world agriculture confronted to pollinator decline*

January 2008

ALARM conference (Seville, Spain)

Gallai, N; Carré, G; Enjolras, G; Reginster, I, Salles, JM and Vaissière, BE. *Evolution of agricultural vulnerability in Europe confronted with pollinator decline.*

September 2007

European Association of Agricultural Economics (Rennes, France)

Gallai N, Salles JM, Vaissière B (2007) *Economic valuation of the vulnerability of world agriculture confronted to pollinator decline*

January 2007

ALARM conference (Athens, Greece)

Gallai N, Salles JM, Settele J, Vaissière BE. *Economic valuation of the vulnerability of world agriculture confronted to pollinator decline*