



CHRISTOPHE LE PAGE

Date of birth: 5 April 1966

Nationality: French

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***Agent-based simulation and renewable resources management,
computational models of socio-ecological systems, companion modelling***

CAREER SUMMARY:

- Since September 2015 : seconded by CIRAD to Brasilia University (Laboratório de Ecologia Aplicada, Departamento de Ecologia), Brasil.
- November 2005 – August 2009, seconded by CIRAD to Chulalongkorn University (Tropical Ecology team, Department of Biology, Faculty of Sciences), Bangkok, Thailand.
- Since October 1997 : Research Fellow at CIRAD (Centre de Coopération Internationale en Recherche Agronomique pour le Développement), Montpellier, France.
- March 1996 – August 1997: Postdoctoral Research Fellow at INRA (National Institute of Research in Agronomics) Thonon-les-Bains, France.
- April 1991 – July 1992: National Service Volunteer at the Fishery Dept, Port Vila, Vanuatu.

EDUCATION

- PhD Thesis in **Biomathematics**, University of Paris 6 (Jussieu), Paris, France. January 1996. Thesis title: *Population Biology and Individual-Based Simulations*.
- Master of Science in **Biomathematics** and Biostatistics, University of Paris 6. October 1990.
- Engineer in **Agronomics** (fisheries), Ecole Nationale Supérieure d'Agronomie de Rennes. October 1989.

POSITIONS OF RESPONSIBILITY

- Since 2011, member of the flagship program "biodiversity modeling and scenarios" from the French Foundation for Research on Biodiversity (**FRB**).
- Since 2012, member of the French Committee for **UNESCO** "Man and Biosphere" Program
- Since 2012, member of the Scientific Council of **UVED** (Université virtuelle environnement & développement durable)
- In February 2013, elected to the **CoMSES** (Computational Modeling for SocioEcological Science) Network Executive Board
- Since 2015, member of the Scientific Council of the **French Guiana Amazonian Park**
- Reviewer for the French National Research Agency (**ANR**)
- Editorial Board Member of the peer-reviewed journal *Simulation & Gaming*

PROFESSIONAL AFFILIATIONS

- European Social Simulation Association (ESSA)
- Companion Modelling (ComMod) Association

LANGUAGES

- French (native)
- English (advanced)
- Portuguese (beginner)

TEACHING

Co -design and co-facilitation of advanced training sessions on Companion Modelling and Agent-Based Simulation for Natural Resource Management. In the last years, I was mainly involved in these two formats:

- One-week intensive course on *Companion Modelling*. 5 editions in France with INRA since 2009; 1 edition (2014) in Switzerland with ETH Zürich; 1 edition (2014) in the Netherlands with Wageningen University.
- Two-week International Summer School organized every year in Montpellier (France) since 2011 on *Agent-Based Simulation for Natural Resource Management (MISS-ABMS)*.

STUDENTS' SUPERVISIONS

Co-direction of 3 PhD theses and co-supervision of 3 PhD theses

- 2005-2010. Co-direction with N. Gajasen (Univ. Chulalongkorn, Thailand) of Kobchai Worrapiumphong. PhD in Agricultural Technology, Univ. Chulalongkorn. *Integrated and collaborative ecological and socio-economic modelling for sustainable razor clam management at Don Hoi Lord Ramsar site, Thailand.*
- 2006-2009. Co-direction with N. Gajasen (Univ. Chulalongkorn, Thailand) of Le Canh Dung. PhD in Agricultural Technology, Université Chulalongkorn (Thaïlande). *Environmental and socio-economic impacts of rice-shrimp farming: companion modelling case study in Bac Lieu Province, Mekong Delta, Vietnam.*
- 2012-2015. Co-direction with J.-M. Barbier and S. Delmotte (UMR Innovation, INRA) of Caroline Tardivo (ABIÉS, AgroParisTech). *Comment prendre en compte les enjeux liés à l'atténuation des impacts de l'agriculture sur le changement climatique dans une évaluation intégrée des systèmes agricoles pour l'accompagnement des acteurs dans la formulation de plans d'action au niveau territorial?*
- 2003-2009. Co-supervision (50%) with G. Trébuil (CIRAD) of Warong Naivinit. Co-badged PhD (Univ. Paris Ouest Nanterre-La Défense and Univ. Chulalongkorn, Thailand). *Companion Modelling to analyze the land/water use and labour migration interactions in Lam Dome Yai Watershed, Lower Northeast Thailand.*
- 2006-2010. Co-supervision (30%) with G. Trébuil (CIRAD) of Pongchai Dumrongrojwatthana. Co-badged PhD (Univ. Paris Ouest Nanterre-La Défense and Univ. Chulalongkorn, Thailand). *Interactions between cattle raising and deforestation in the highland socio-ecosystem of Nan Province, Northern Thailand: a companion modelling process to improve landscape management.*
- 2012-2015. Co-supervision (50%) with M. de Garine-Wichatitsky (CIRAD) of Arthur Perrotton (SIBAGHE, Univ. Montpellier 2). *Increasing aridity and coexistence of conservation and agricultural production activities in Southern Africa: Analysis and modeling of a socio-ecological system including a protected area.*

LEISURE INTERESTS

Tennis, Forum Theatre