

Integrated SIMulation tools for the ECOlogical - ECONomic assessment of renewable resource systems (SIMECO²)

Ifremer, Brest, September 08-11-2009

With support from BMO, Région Bretagne, Conseil Général,
Partenariat Hubert Curien France - Australie &
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G'day mate ! ... bienvenue à Brest !

1. French-Australian collaboration in marine resource systems modelling
2. Workshop Program
3. Expected outcomes



French-Australian collaboration in marine resource systems modelling

→ Growing interest in models as tools to integrate knowledge on marine resource systems

Scientific meetings

- Human Ecosystems Modelling with Agents: Melbourne (Aus.), 2003
- CABM - CSIRO Agent-Based Modelling: St. Maurice (Fr.), 2004
- CSIRO Modelling workshop: Hobart (Aus.), 2005
- MODSIM Conference session on Social, Economic and Ecological Modelling of marine resources: Townsville (Aus.), 2003; Christchurch (N.Z.), 2007; Cairns (Aus.), 2009

Agreements

- MoU CSIRO-UTAS-IFREMER, 2005-2010 → to be renewed
- PhD Co-Tutelle (UTAS-QMS /UBO - EDSM) & Co-funding (Ifremer, CSIRO, UTAS):
 - Katell Hamon (2007-2010)
 - Sophie Gourguet (2009-2012)
- France Australia Science and Technology Program (FAST) (2008-2009)

Other on-going collaborations

- Martin Marzloff (UTAS, CNRS, CSIRO)
- Philippe Ziegler / Stéphanie Mahevas (UTAS, Ifremer)
- TRANZEF project (Ifremer, NZ SEAFIC, CSIRO)
- ANR ADHOC project (CNRS, Ifremer, CSIRO, ...)

Workshop program

Four leading themes

1. Social-Ecological modelling approaches
2. Developing the ecological perspective
3. Capturing economic and social drivers
4. Models for management support

Structure

- Plenary sessions: Tuesday 8th / Wednesday 9th
- Targeted Sessions: Thursday 10th (continued informally on the 11th)
- Food & Drink sessions ...

Expected outcomes

Exchanges of ideas on how to further develop modelling approaches to marine resources management

Targeted workshops:

- (1) Development of a paper to be submitted shortly after the workshop
 - (2) Identification of a potential paper from the workshop discussions that can be developed through continued email follow-up and submitted over the next six months
 - (3) Identification of topics that can form the basis of a future workshop
- Short summary report !

Future opportunities

Ifremer

FRB call for proposals

IIFET 2010 Montpellier call for special sessions

Ifremer / CSIRO / UTAS / UBO (?) MoU renewal in 2010

Other ? ...



Have a nice workshop !