

Fredericton Inn and Convention Centre
Fredericton, NB, Canada

Atelier AARMS-CRM «Développement durable des écosystèmes
aquatiques»
Du 22 au 25 octobre 2013

*AARMS-CRM Workshop on Sustainability of Aquatic Ecosystem Networks
October 22-25, 2013*

HORAIRE / PROGRAM

Le mardi 22 octobre 2013 / *Tuesday, October 22, 2013*

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- 08:30 - 09:00** Inscription et mots de bienvenue
Registration, Opening & Welcome
- 09:00 - 10:00** **Kurt Anderson** (University of California, Riverside)
“Modeling spatially-explicit ecological dynamics in streams and rivers”
- 10:00 - 10:30** Pause-café / *Coffee break*
- 10:30 - 11:00** **Jonathan Sarhad** (University of California, Riverside)
“Population persistence in river networks using metric graphs”
- 11:00 - 11:30** **Yasmine Samia** (University of Ottawa)
“Population dynamics on dendritic river networks”
- 11:30 - 12:00** *Discussion*
- 12:00 - 14:00** Pause-déjeuner / *Lunch break*
- 14:00 - 15:00** **Les Stanfield** (Ontario Ministry of Natural Resources)
“An adaptive management and ecohealth approach to build sustainable communities”
- 15:00 - 15:30** Pause-café / *Coffee break*
- 15:30 - 16:30** **Andrew Paul** (Alberta Environment and Sustainable Resource Development)
“Rethinking cumulative effects management of fisheries in dendritic river networks: Examples from Alberta”
- 16:30** *Discussion*

Le mercredi 23 octobre 2013 / *Wednesday, October 23, 2013*

- 09:00 - 10:00 Daniel Boisclair** (Université de Montréal)
“Multistate Markov models as tools to assess the effects of hydropower developments on fisheries productivity”
- 10:00 - 10:30** Pause-café / *Coffee break*
- 10:30 - 11:00 Pierre Girard** (Universidade Federal de Mato Grosso / Centro de Pesquisa do Pantanal)
“Finding ecological limits of hydrologic alteration in rivers flowing in the Brazilian Pantanal”
- 11:00 - 11:30 Qihua Huang** (University of Alberta)
“The effect of homing fidelity on the persistence of migratory fish population”
- 11:30 - 12:00** *Discussion*
- 12:00 - 14:00** Pause-déjeuner / *Lunch break*
- 14:00 - 14:30 Gunog Seo** (Colgate University)
“Mathematical modeling of invasive Asian clam population dynamics”
- 14:30 - 15:00 Olga Vasilyeva** (Christopher Newport University)
“Population dynamics of stream insects”
- 15:00 - 15:30 Frithjof Lutscher** (Université d’Ottawa)
“A probabilistic framework for nutrient uptake length”
- 15:30** *Discussion*
- 19:00** *Canadian Rivers Institute’s Annual Hynes Lecture*
UNB Campus, Loring Baily Hall, Room 146

Le jeudi 24 octobre 2013 / *Thursday, October 24, 2013*

- 09:00 - 10:00** **Alan Hastings** (University of California, Davis)
“Connectivity and persistence in marine systems”
- 10:00 - 10:30** Pause-café / *Coffee break*
- 10:30 - 11:00** **Myriam A. Barbeau** (University of New Brunswick)
*“Demography and movement of the amphipod *Corophium volutator* on mudflats in the Bay of Fundy: metapopulation dynamics and implications”*
- 11:00 - 11:30** **Michael Neubert** (Woods Hole Oceanographic Institution)
“Fishing wars, warring fish and the no man’s land: “Simple” models for the spatial management of fisheries and their implications for the economic efficiency of marine reserve networks”
- 11:30 - 12:00** *Discussion*
- 12:00 - 14:00** Déjeuner / *Lunch*
- 14:00 - 15:00** **Andrea Locke** (Fisheries and Oceans Canada)
“TBA”
- 15:00 - 15:30** Pause-café / *Coffee break*
- 15:30 - 16:00** **Holly Moeller** (Stanford University)
“Accounting for habitat damage increases the economic optimality of marine reserves”
- 16:00 - 16:30** **Jessica Hearns** (University of Central Florida)
“Modeling of the marine coral reef system off the coast of south Florida”
- 16:30** *Discussion*

Le vendredi 25 octobre 2013 / *Friday, October 25, 2013*

- 09:00 - 09:30 Ali Gharouni** (University of New Brunswick)
“Estimating the spread rate of the European Green Crab in Atlantic Canada”
- 09:30 - 10:00 Kimberley Davies** (Dalhousie University)
“Investigating scallop population dynamics and connectivity on Georges Bank using biophysical modeling”
- 10:00 - 10:30 David Drolet** (Fisheries and Oceans Canada)
“TBA”
- 10:30 - 11:00** Pause-café / *Coffee break*
- 11:00 - 11:30 Emily Moberg** (MIT—WHOI)
“Stochastic dominance as a test of species’ distributional shifts”
- 11:30 - 12:30** Conclusion / *Closing discussion*