

Symposium 2024 IRN QARESS

QuAntitative Resilience-based managEment and Sustainability for Social-ecological Systems

December 2 and 3, 2024 - Montpellier

Agenda:

- **Monday December 2, 2024: Salle des actes MSHSUD**

- 09:00 - 09:10: Introduction of IRN QARESS (L. Doyen, CNRS, CEE-M)
- 09:10 - 09:30 Q. Grafton (Crawford Institute of Public Policy, AUS) (video) Realizing Resilience for decision making
- 09:30 - 10:00: L. Doyen (CNRS, CEE-M) : Bioeconomic resilience-based management and viability
- 10:00 - 10:30: C. Béné (CGIAR - WUR, NL): Food systems resilience
- 10:30 - 11:00: Coffee Break
- 11:00 - 11:30: R. Voss (IDIV - Univ. Kiel, Germany): Ecological-economic modeling to support a sustainability transformation of the western Baltic fisheries socio-ecological system.
- 11:30 - 12:00: M. Ekue (CIAT, Cameroon): Agroforestry for the resilience of farming systems in Africa
- 12:00 - 12:30: V. Yatat (Ecole Nationale Polytechnique Yaounde, Cameroon): Bioeconomic resilience of Savannas
- 12:30 - 14:00: Lunch, Jardin D'hiver MSHSUD
- 14:00 - 14:30: G. Zaccour (HEC Montreal, Canada) (visio): Dynamic Games Played over Event Trees with Coupling Constraints
- 14:30 - 15:00: C. Kelsall (IDIV, CEEM): Income sharing for collective goods with uncertain benefits
- 15:00 - 15:30: P. Courtois (CEEM, INRAE, France): Bio-economic modelling for the operational management of biological invasions.
- 15:30 - 16:00: Coffee Break
- 16:00 - 16:30: Discussion

19:30: **Symposium Dinner** within the historical Center of Montpellier: *Brasserie du Theatre* (22 Bd Victor Hugo, 34000 Montpellier) <https://maps.app.goo.gl/23U6H5auZA5qs9kK7>

- **Tuesday, December 3, 2024: Salle des actes MSHSUD**

- 09:00 - 9:30: C. Gerling (University Cottbus, Germany): Cost-effective biodiversity conservation under climate change.
- 09:30 - 10:00: J.M. Fromentin (UMR MARBEC, France) (visio): Vulnerabilities vs. resilience in international bluefin tuna management
- 10:00 - 10:30: R. Sabatier (INRAE, France) : Towards resilient diversified agro-ecosystems.
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:30: Brainstorming by groups:
 - (a) Role of cooperation for resilience-based management: animation Nicolas Querou (CNRS, CEEM)
 - (b) Risk versus crisis management: animation Luc Doyen (CNRS, CEEM)
- 12:30 - 14:00 Lunch Jardin D'hiver MSH
- 14:00 - 15:30: Restitution Brainstorming by groups
- 15:30 - 16:00: Coffee Break
- 16:00: Perspectives and closing