

Version française

Nom du laboratoire de recherche :	GREThA
Champs	Economie
Approche	Modélisation bio-économique
Thème	Economie de l'environnement
Sujet	Modèle de négociation et de distribution de quotas transférables dans le cadre de ressources renouvelables Contact : jean-christophe.pereau@u-bordeaux.fr
Compétences requises	Economie de l'environnement, modélisation et théorie des jeux
Nom du directeur de thèse (à contacter de manière impérative)	Jean-Christophe PEREAU et Lauriane Mouysset
Mots clés	Quotas transférables, mono et multi espèces, marché de volume prélevables, viabilité, théorie des jeux, systèmes dynamiques, simulation.
Éléments bibliographiques	<p>Péreau J.C., Doyen L., Little R., Thébaud O., (2012). The triple bottom line: Meeting ecological, economic and social goals with Individual Transferable Quotas, <i>Journal of Environmental Economics and Management</i>, 63, 3, 419–434.</p> <p>Latinopoulos and Sartzetakis 2015 Using tradable water permits in irrigated agriculture, <i>Environmental and Resource Economics</i></p> <p>DeLara M., Doyen L., 2008, <i>Sustainable Management of Natural Resources Mathematical Models and Methods</i>, Springer</p> <p>Houba, Sneek, Vardy (2000) Can negotiations prevent fish wars? <i>Journal of Economic Dynamics & Control</i>, 24:1265-1280</p> <p>Delille, Pereau (2014) The Seawall Bargaining Game, <i>Games</i>, 5:127-139.</p> <p>Doyen et al. The tragedy of ecosystems in open-access, <i>Cahiers du GREThA</i>, 2015-02</p>

English version

Research unit	GREThA
Fields	Economics
method	Bio-economic modelling
Topic	Environmental economics
Subject	Bargaining models and transferable quotas allocation for exploited renewable resources Contact : jean-christophe.pereau@u-bordeaux.fr
Skills	Environmental Economics, modeling and game theory
Supervisor	Jean-Christophe PEREAU and Lauriane MOUYSSET
Key words	Transferable quotas, mono and multi-species ecosystems, tradable water permits, viability, dynamics systems, simulation.
References	<p>Péreau J.C., Doyen L., Little R., Thébaud O., (2012). The triple bottom line: Meeting ecological, economic and social goals with Individual Transferable Quotas, <i>Journal of Environmental Economics and Management</i>, 63, 3, 419–434.</p> <p>Latinopoulos and Sartzetakis 2015 Using tradable water permits in irrigated agriculture, <i>Environmental and Resource Economics</i></p> <p>DeLara M., Doyen L., 2008, <i>Sustainable Management of Natural Resources Mathematical Models and Methods</i>, Springer</p> <p>Houba, Sneek, Vardy (2000) Can negotiations prevent fish wars? <i>Journal of Economic Dynamics & Control</i>, 24:1265-1280</p> <p>Delille, Pereau (2014) The Seawall Bargaining Game, <i>Games</i>, 5:127-139.</p>