

# Adam Charette-Castonguay

*Curriculum Vitae*

## EDUCATION

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**PhD Water Management** 2015-Present

*Monash University, Melbourne, Australia*

Graduate Research Interdisciplinary Program (GRIP) on Water and Sustainability in Asia.

Thesis: Modelling the adoption of water technologies: An agent-based approach.

**MSc. Environmental Management** 2011-2014

*University of Kiel, Kiel, Germany*

Thesis: Assessment of resilience and adaptability of social-ecological systems - a case study of the Banaue rice terraces

**BSc. International Relations** 2007-2011

*Laval University, Quebec, Canada*

Thesis: Agricultural protectionism in international trade: the case of U.S. cotton production support (in French).

## WORK EXPERIENCE

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**Research officer** 2015-present

*CRC for Water Sensitive Cities, Clayton, Australia*

Provide a diagnostic and best practice knowledge to guide investment programs linked with the Asian Development Bank operations and private sector partners in developing cities of the Asia-Pacific region. Apply the Water Sensitive Cities Index in Mandalay (Myanmar) and Suva (Fiji).

**Intern** 2013

*Secretariat of the Convention on Biological Diversity, Montreal, Canada*

Internship on the contribution to the 4th Global Biodiversity Outlook (GBO-4). Review literature on Aichi Targets 6 (global fisheries) and 9 (invasive alien species). The information gathered in the literature review was summarized and published in the GBO-4 in 2014.

**Collaborative research fellow** 2013

*German Society for International Cooperation (GIZ), Los Banos, Philippines*

Research stay for master's thesis at the Crop and Environmental Science Division of the International Rice Research Institute (IRRI). The research was part of the LEGATO Project and was funded by the Advisory Service on Agricultural Research for Development (BEAF) of GIZ.

## PUBLICATIONS

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Peer-reviewed article

- **Castonguay, A. C.**, B. Burkhard, F. Müller, F. G. Horgan, and J. Settele. 2016. Resilience and adaptability of rice terrace social-ecological systems: a case study of a local community's perception in Banaue, Philippines. *Ecology and Society* 21(2):15.

Book

- **Castonguay, A.C.** 2014. Assessment of resilience and adaptability of social-ecological systems: a case study of the Banaue rice terraces. AV Akademikerverlag (ISBN: 978-3639720297).

## SHORT COURSES

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**Erasmus Intensive Programme on hydrobiology** **2012**

*Adam Mickiewicz University, Poznan, Poland*

Ecological state of Lake Durowskie during restoration measures.

**Summer exchange program** **2009**

*Pontificia Universidad Catolica del Peru, Lima, Peru*

Introduction to business administration in Latin America.

**Summer exchange program** **2008**

*Nankai University, Tianjin, China*

Chinese language and culture course.

## SKILLS

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*Languages*

French (mother tongue)

English (fluent)

Spanish (Limited proficiency)

*Software*

R, Python, SQL, L<sup>A</sup>T<sub>E</sub>X, ArcGIS, QGIS