Curriculum Vitae

Reem Hajjar, PhD

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# Highlights

* Research interests and experience in institutional interactions at international, national and local scales of forest governance, and locally-controlled forestry for poverty alleviation and sustainable landscapes
* Teaching experience emphasizing active learning and critical thinking through a variety of techniques, including interactive lectures, small group work and problem-solving activities
* Experience with both quantitative and qualitative social science research methods, including case studies, interviews, focus groups and public surveys, and the use of analysis software such as NVivo and SPSS
* Work experience with multilateral institutions, non-governmental organizations, and academia
* Fieldwork experience in Brazil, Mexico, Ghana, Panama, Dominican Republic, Costa Rica, and Canada
* Native English speaker; proficient in Spanish, French, Portuguese and Arabic.

# Education

**Ph.D.** (Forestry) University of British Columbia, Vancouver, Canada  **2006-2011**

Thesis: Community forests for forest communities: An examination of power imbalances, challenges and goals in Brazil and Mexico. Committee: Drs. John Innes, Rob Kozak and Hosny El-Lakany.

**M.A.** (Conservation Biology) Columbia University, New York City, USA **2002-2004**

Thesis: The evolution of the World Bank’s Forest Policy and implications for the Atlantic Forest, Brazil. Committee: Drs. Miguel Pinedo-Vasquez, Christine Padoch and Peter Jipp.

**B.Sc.** (Biology) McGill University, Montréal, Canada **1997-2000**

Concentration in Conservation in the Neotropics, partially hosted at Smithsonian Tropical Research Institute, Panamá

# Academic Experience

***Banting Post-doctoral Research Fellow*** 2012-current

**Rights and Resources Initiative**, Washington, DC, USA

**University of British Columbia**, Vancouver, Canada

I am currently working with Drs. Robert Kozak, Augusta Molnar and Andy White on the role of secondary-level institutions in promoting small-scale and community forestry in Ghana and Mexico under REDD and FLEGT. I also help in mentoring 12 graduate students in Dr. Kozak’s FACT Lab (Forests and Communities in Transition), and 12 graduate students in Dr. John Innes’ research group on sustainable forest management (UBC), where I maintain a quarter-time postdoc position.

***Post-doctoral Research Fellow*** 2011-12

**University of British Columbia**,Vancouver, Canada.

I worked with Dr. Robert Kozak and the AdapTree project team of genomics and informatics scientists on determining stakeholder perceptions of intervention strategies for forest adaptation to climate change, with particular focus on assisted migration. This involved conducting surveys of various publics, quantitative analysis and model building, and feeding research results into the policy-making process.

***Graduate Research Assistant*** 2007-10

**University of British Columbia***,* Vancouver Canada.

Concurrent to my PhD research, I worked on a project with Dr. John Innes on the development of appropriate economic and social indicators of sustainable forest management, aimed at transferring lessons learned in tropical community forestry to British Columbia. Besides fieldwork in Brazil and Mexico, this included consulting with members of the Haida Nation, Canada. Dr. Innes and I co-wrote and received a grant from the BC Forest Sciences Program for this.

***Undergraduate Researcher***2000

**McGill University** Field Study, Panamá.

For my Senior Research Project with Dr. Bob Bonnell, I assessed the implementation of environmental laws governing water use in Panama.

***Undergraduate Research Internship*** 2000

**Autoridad Marítima de Panamá**, Panama City, Panamá.

In the Department of Marine Resources, I authored an internal report on the sustainability of the Crystal Shrimp fishery, *Penaeus brevirostris*, in Panama using fishery modeling techniques.

# Relevant Work Experience and Consultancies

***Team leader/writer*** 2004-current

**International Institute for Sustainable Development**, Reporting Services

I have attended several international meetings of multilateral environmental agreements and co-written reports and analyses on these (the “Earth Negotiations Bulletin”), such as from the meetings of the UN Forum on Forests, Convention on Biological Diversity, and the International Tropical Timber Organization. From 2006-2012, I was also the Forestry Thematic Expert, writing weekly updates for IISD’s internet-based knowledge management platforms on climate change and biodiversity MEAs.

***Consultant*** 2013

**Rights and Resources Initiative**

I reviewed and analyzed RRI’s programme on Alternative Tenure and Enterprise Models, with a view to assessing the utility of activities under that programme in achieving RRI’s goals, and to provide future directions for activities.

***Consultant*** 2012

**Forest Stewardship Council**, Smallholder Management Programme

I conducted a global web-based survey of managers of FSC group certificates, to determine challenges and opportunities with recruiting and maintaining smallholder and community enterprises in the FSC system, and explore factors behind these.

***Consultant*** 2011

**Forest Stewardship Council**, Smallholder Management Programme

I analyzed the business case for certification of small and community forest enterprises globally through expert interviews.

***Consultant*** 2007

**World Bank** and **United Nations** **Food and Agriculture Organization**

I edited, researched and wrote parts of the World Bank’s “Forests Sourcebook: Practical Guidance for Sustaining Forests in Development Cooperation.”

***Research Fellow*** 2005

**Bioversity International**, CGIAR. Rome, Italy.

I reviewed the role of biodiversity, and the potential role of genetic diversity, in providing ecosystem services in agroecosystems. I also reviewed the use and value of crop wild relative genes in crop improvement.

***Intern*** 2003-2004

**United Nations Development Program/Global Environment Facility**, New York City, USA.

I conducted a portfolio review and managed a database of biodiversity-related projects in the Small Grants Program (SGP).

***Intern*** 2001

**INFORM, Inc.,** New York City, USA.

In the Department of Sustainable Transportation, I authored an internal report on the carsharing concept in North America and conducted research for a report on clean-fuel use by waste collection vehicles.

***Field assistant*** 2000

**Caribbean Conservation Corporation**, Tortuguero, Costa Rica.

I assisted in the Green Sea Turtle, *Chelonia mydas*, population monitoring program.

***Field Assistant***  1999

**McGill University** Field Study, Long Point, Canada.

I aided Dr. David Green in conducting a population dynamics study of the Fowler’s Toad, *Bufo fowleri*.

# Teaching Experience

*Full Courses developed and taught at University of British Columbia*

Community forestry Second year undergraduate 2011

Tropical forest management Graduate (co-instructor) 2010

*Teaching assistant activities at University of British Columbia*

International Forestry Fourth year undergraduate 2007

*Teaching assistant activities at Columbia University*

Summer Ecosystems Experiences for Undergraduates 2003-2006

Field courses in Punta Cana, Dominican Republic (2004-2006) & São Paulo, Brazil (2003). I assisted in preparation and teaching of an undergraduate field course in marine and forest ecology and conservation, and mentored approximately 70 students in their undertaking of individual research projects.

*Invited Guest Lectures at University of British Columbia*

“Community Forestry” Foundations of Conservation 2014

“Community Forestry” International Forestry 2012-2014

“Forests and Poverty” Globalization and Sustainability 2012-2014

“Forests and Poverty” Global Perspectives Capstone 2012-2014

“Community Forestry in Latin America”

Senior Indian Forest Service Training Program 2013

# Supervisory Activities

***Co-supervisor***

Olivia Sanchez, Undergraduate Research Assistant (University of British Columbia) 2013-ongoing

*Enabling environments for SMFEs under REDD+ readiness strategies*

Maxime Saunier, Master’s student (University of Sherbrooke) 2012

*La gestion des ressources forestières au sein des communautés autochtones et dans le cadre du programme REDD+*

Ben Mackay, Undergraduate senior essay (University of British Columbia) 2011-2012

*Re-defining Canadian Aboriginal culture from within*

***Committee member***

Neftali Hernandez, PhD student (University of British Columbia) 2014-ongoing

*Community social capital and REDD+ in Mexico*

Weiye Wang, PhD student (University of British Columbia) 2014-ongoing

*Community adaptation to climate change in China*

Andrea Vasquez, Master’s student (University of British Columbia) 2012-ongoing

*Indigenous associations in the Peruvian Amazon*

***Mentoring***

In my current post-doctoral position, I am helping to manage two research groups, under Drs. Rob Kozak and John Innes, and am mentoring a number of their students as they undertake a diversity of research projects on sustainable forest management and forest-dependent communities.

# Grants, Fellowships and Awards

# Grants and Major Competitive Fellowships

SSHRC Insight Development Grant (co-PI) ($53,868) 2012-2014

Banting Postdoctoral Fellowship (SSHRC – top-ranked applicant) ($140,000) 2012-2014

SSHRC Doctoral Fellowship ($40,000) 2008-2010

John G. Bene Fellowship for Community Forestry (International Development Research Centre) ($15,000) 2008

Pacific Century Graduate Scholarship ($10,000) 2007

University Graduate Fellowship (UBC) ($7,000) 2007

**Other Fellowships and awards**

Post-doctoral Fellow Travel Award (UBC) 2013

Donald S. McPhee Fellowship (Faculty of Forestry, UBC) 2010

Travel Award (Faculty of Forestry, VPRO Fund, Equity Office, UBC) 2010

Runner-up, Best Poster Prize. UBC Faculty of Forestry Sustainability Talks Poster Session 2009

Peter N. Affleck Memorial Scholarship (Forestry, UBC) 2007

CANFOR Corporation Fellowship in Forest Ecosystem Management (Forestry, UBC) 2007

TimberWest Forest Limited Fellowship in Forest Resources Management (Forestry, UBC) 2007

PhD Tuition Award (UBC) 2006-2010

Principal’s Honour Role (McGill University) 1999-2000

Grace Fairly Entrance Scholarship (McGill University) 1997

Sir Edward Beatty Scholarship (McGill University) 1997

# Publications

Total Google Scholar citations (July 2014): 400+

**Articles in refereed journals:**

**Hajjar, R**, RA Kozak. *Exploring public perceptions of forest adaptation strategies in Western Canada.* Submitted to Global Environmental Change (July 2014).

**Hajjar, R,** E McGuigan, M Moshofsky, RA Kozak. *Opinions on strategies for forest adaptation to future climate conditions in Western Canada: Surveys of the general public and leaders of forest-dependent communities*. Accepted, pending revisions, in Canadian Journal of Forest Research (June 2014).

**Hajjar, R**. *Advancing small-scale forestry under FLEGT and REDD in Ghana.* Submitted to Forest Policy and Economics (July 2014).

**Hajjar, R.** 2013*. Certifying small and community producers in developing countries: Prospects for adoption and diffusion.* Forests, Trees and Livelihoods. 22(4): 230-240.

De La Fuente, T, **R Hajjar.** 2013. *Do current forest carbon standards include adequate requirements to ensure indigenous peoples’ rights in REDD projects?* International Forestry Review 15(4): 427-441.

Alemagi, D, **R Hajjar**, Z. Tchoundjeu, RA Kozak. 2013. *Cameroon's Environmental Impact Assessment Decree and public participation in concession-based forestry: A case study of eight forest-dependent communities.* Journal of Sustainable Development 6 (10): 1-17.

**Hajjar, R**, RA Kozak, H El-Lakany and JL Innes. 2013. *Community forests for forest communities: Integrating community-defined goals and practices in the design of forestry initiatives*. Land Use Policy. 34: 158-167.

Wang, G, JL Innes, **R Hajjar**, X Zhang, J Wang. 2013. *Public awareness and perceptions of watershed management in the Min River area, Fujian, China*. Society and Natural Resources. 26 (5).

**Hajjar, R**, RA Kozak and JL Innes. 2012. *Is decentralization leading to “real” decision-making power for forest-dependent communities? Case studies from Mexico and Brazil.* Ecology and Society. 17 (1): 12. [online] URL: <http://www.ecologyandsociety.org/vol17/iss1/art12/>

Alemagi, D, **R Hajjar**, S David and RA Kozak. 2011. *Benefits and barriers to certification of community-based forest operations in Cameroon: An exploratory assessment.* Small-scale Forestry. 11(4):417-433.

**Hajjar, R**, DG McGrath, RA Kozak and JL Innes. 2011. *Framing community forestry challenges with a broader lens: Case studies from the Brazilian Amazon*. Journal of Environmental Management. 92: 2159-2169.

Tomaselli, MF and **R Hajjar**. 2011. Promoting Community Forestry Enterprises in National REDD+ Strategies: A business approach. Forests. 2(1): 283 - 300.

Aguilar, S and **R Hajjar**. 2009*. CITES 58th Standing Committee: Implementation decisions and recommendations*. Environmental Policy and Law Journal. 39 (4-5): 205-207.

**Hajjar, R** and JL Innes. 2009. *The World Bank’s policy towards forests: push or pull?* International Forestry Review. 11 (1): 27-36.

**Hajjar, R**, D Jarvis and B Gemmill-Herren. 2008. *The utility of crop genetic diversity in agricultural landscapes in maintaining ecosystem services*. Agriculture, Ecosystems and Environment. 123: 261-270.

**Hajjar, R** and T Hodgkin. 2007. *The use of wild relatives for crop improvement: A survey of developments over the past 20 years*. Euphytica. 156 (1-2): 1-13.

**Book chapters:**

**Hajjar, R,** A Molnar. *Decentralization and community-based approaches*. Submitted. In, Kozak, RA, Hansen, E, Panwar, R (eds.) Forests, Business and Sustainability. Earthscan.

Tomaselli, MF, **R Hajjar,** J Timko and RA Kozak. In press. *Small Forest-Based Enterprises in The Gambia: Opportunities and Challenges*. In, Forests under pressure: Local responses to global issues. IUFRO World, Forests, Environment and Society series, Vienna.

**Hajjar, R.** 2013. *Community Forestry in the Brazilian Amazon: An Examination of Power, Challenges and Goals.*  In Amazon: Biodiversity Conservation, Economic Development and Human Impact. Nova Publishing, Hauppage, NY. https://www.novapublishers.com/catalog/product\_info.php?products\_id=39973

Chasek, P, Guttierez, M and **R Hajjar**. 2012. *What’s in a name? The Challenges of Defining the Issues*. Chasek, P, L Wagner (eds.) The Roads from Rio: Lessons learned from twenty years of multilateral environmental negotiations. Resources for the Future Press (Earthscan), London.

Wagner, L, **R Hajjar** and A Appleton. 2012. *Global Alliances to Strange Bedfellows: The Ebb and Flow of Negotiating Coalitions*. Chasek, P, L Wagner (eds.) The Roads from Rio: Lessons learned from twenty years of multilateral environmental negotiations. Resources for the Future Press (Earthscan), London.

Tomaselli, MF and **R Hajjar**. 2011.*La promoción de las empresas forestales comunitarias en las estrategias nacionales REDD+: Un enfoque empresarial*. In E. Petkova et al. (eds)Gobernanza forestal y REDD+: Desafíos para las políticas y mercados en América Latina. CIFOR: Bogor, Indonesia. E-book available at: <http://www.cifor.org/nc/online-library/browse/view-publication/publication/3642.html>

Davenport, D, J Bulkan, **R Hajjar** and P Hardcastle. 2011. *Forests and Sustainability.* In, J. Rayner et al., (eds) *Embracing Complexity: Meeting the Challenges of International Forest Governance*. International Union of Forest Research Organizations.

Hodgkin, T and **R Hajjar**. 2008. *Using crop wild relatives for crop improvement: trends and perspectives*. p. 535-548. *In*, N. Maxted, et al. (eds). Crop Wild Relative Conservation and Use. CABI Publishing Series.

Wagner, L, E Morgera, **R Hajjar,** M Rojo and C Spence. 2007. *2006 Global Overview*. In, GEO Yearbook 2007: An Overview of our Changing Environment. UN Environment Programme.

**Papers in preparation:**

Rantalla, S, **R Hajjar**, M Skutsch. *Multi-level governance for legitimate and effective REDD+ in Mexico*. Target journal: Forests - Special Issue: Governing Forest Landscapes: Challenges and Way Forward (90% complete)

Sanchez, O, **R Hajjar**, RA Kozak. *Promoting small and medium forest enterprises in a REDD+ context: An analysis of enabling environments in 41 countries*. Target journal: World Development (90% complete)

Sanchez, O, **R Hajjar**, RA Kozak. *Enabling environments for small and medium forest enterprises: A review*. Target journal: Business and Society (50% complete)

**Hajjar, R**. *The role of secondary-level institutions in promoting local forestry in Ghana and Mexico: Adapting to policy and sectoral changes.* Target journal: Geoforum (30% complete)

**Hajjar, R**. *Defining* *legitimacy in the context of representative associations of forest-based enterprises.* Target journal: Forest Policy and Economics (30% complete)

McGuigan, E, **R Hajjar,** K Jones, M Moshofsky, D Davidson, RA Kozak. *Assisted migration for forest adaptation: Public acceptability and policy engagement.* Target journal: Environment and Planning C (15% complete)

**Conference Proceedings:**

**Hajjar, R**, A Gough, AH Mathey, C Nitschke, SK Paudel, P Skrivanos, PO Waeber, and JL Innes. 2009. *Criteria and indicators for sustainable forest management in the face of decentralization: are they still relevant?* Conference Proceedings: XIIIth World Forestry Congress.

**Articles in Professional or Trade Journals:**

**Hajjar, R**. 2014. *Small-scale forestry in Ghana: Surviving reforms?* Branchlines (June 2014). UBC Forestry Faculty Newletter, Vancouver.

**Hajjar, R,** MF Tomaselli and RA Kozak. 2013. *Community Forests in BC: Lessons from Abroad*. Silviculture Magazine.

**Hajjar, R**. 2011. *European forest ministers agree to negotiate legally binding agreement on Europe’s forests*. Newsletter (September 2011). Commonwealth Forestry Association, London.

**Hajjar, R**.2011. *Power to the people: Community forestry in Brazil and Mexico*. Branchlines (September 2011). UBC Forestry Faculty Newsletter, Vancouver.

**Hajjar, R** and ME Recio. 2010. *REDD+ Update from Bonn*. CFA Newsletter (September 2010). Commonwealth Forestry Association, London.

**Hajjar, R.** 2005. *Wild relatives for better crop performance*. Geneflow. International Plant Genetics Resources Institute, Rome.

Weekly contributions on international forestry issues to *MEA Bulletin*, *Climate-L.org* and Biodiversity-L.org (2005-2012), publications of the International Institute for Sustainable Development Reporting Services (available at [www.iisd.ca](http://www.iisd.ca)).

**Conference presentations** (\* indicates presenter)**:**

Rantala, S\*, **Hajjar, R,** Skutsch, M. 2014. Multi-level governance for legitimate and effective REDD+ in Mexico. Presented at “Sustainable Future for a Changing Climate.” Helsinki, Finland.

**Hajjar, R.** 2013. Advancing small-scale forestry under REDD and FLEGT in Ghana. A Policy Window for Real Reform? Presented at “New Challenges for Community Forestry: Sharing Scientific Knowledge in a South-North Perspective.” Remscheid, Germany.

Moshofsky, M\*, **Hajjar R**\*, and RA Kozak. 2013. Perceptions of climate change adaptation in forest management. Presented at “Forest Genetics 2013”. Whistler, Canada.

**Hajjar, R** and A Gough\*. 2012. *FSC certification and smallholders: achievements and challenges.* Presented at “Governing Sustainability: Global Standards and Certification Schemes in the Natural Resources Sector”, Munich, Germany.

**Hajjar, R**. 2010. *Are communities securing legitimate management authority over their forests? Case studies from Brazil and Mexico.* Presented at “XXIII IUFRO World Congress”, Seoul, Republic of Korea. [Sub-plenary presentation]

**Hajjar, R\***, DG McGrath, RA Kozak, and JL Innes. *Challenges to community forestry in the Eastern Amazon, Brazil.* Presented at “1st Conference on Forestry and Environmental Sciences in Western Canada”, Harrison Hot Springs, Canada.

**Hajjar, R\*,** DG McGrath and JL Innes. 2009. *Do community-company partnerships in Amazonian forestry encourage sustainable communities and livelihoods? A case study of government-sponsored settlements in Pará, Brazil.* Presented at “XIII World Forestry Congress”, Buenos Aires, Argentina. [Poster]

**Hajjar, R\***, A Gough, AH Mathey, C Nitschke, SK. Paudel, P Skrivanos, PO Waeber, and JL Innes.2009. *Criteria and indicators for sustainable forest management in the face of decentralization: are they still relevant?* Presented at “XIIIth World Forestry Congress”, Buenos Aires, Argentina.

**Invited presentations:**

**Hajjar, R**. 2013. *Explaining the emergence of community forestry: Insights from Latin America and Africa.* Invited presentation at “Yale/UNITAR Workshop on Rights and Environmental Governance”, New Haven, USA.

**Hajjar, R.** 2012. *Forests and poverty in Latin America.* Public presentation in “Sustainability in Latin America – the Canadian Connection,” organized by Latincouver (community group), Vancouver, Canada.

Hodgkin, T\* and **R Hajjar**. 2005. *Using crop wild relatives for crop improvement: trends and perspectives*. Invited keynote address at “The Conservation and Use of Crop Wild Relatives”, Agrigento, Sicily.

**Upcoming conference presentations:**

**Hajjar, R.** The evolving role of secondary-level institutions and their continued legitimacy: Community and producer associations under FLEGT and REDD+ in Ghana and Mexico. Accepted abstract for XXIV IUFRO World Congress, October 2014, Salt Lake City, USA.

**Delivered Consultancy Reports:**

**Hajjar, R,** MF Tomaselli and RA Kozak. 2013. A Retrospective Analysis of RRI’s Alternative Tenure and Enterprise Models Programme. Report to Rights and Resources Initiative.

**Hajjar, R** and AE Ramon Hidalgo. 2012. *FSC Group Manager Global Survey: summary report*. Report to the Forest Stewardship Council.

**Hajjar, R.** 2011. *The business case for FSC certification for small and community producers.* Report to the Forest Stewardship Council.

Gough, A, R **Hajjar** and G Edenshaw. 2010. *Community Forestry on Haida Gwaii*. Report to the Haida Nation.

**Hajjar, R**. 2010. *Development of appropriate economic and social indicators of sustainable forest management.* Final Technical Report to the Forest Sciences Program, Ministry of Forest Resources, British Columbia (Project Y103077).

**Hajjar, R** and various authors. 2005-2011. Co-authored numerous reports and analyses from meetings of the UN Forum on Forests, the International Tropical Timber Organization, the Convention on Biological Diversity and others. Published by the International Institute for Sustainable Development Reporting Services.

**Theses:**

**Hajjar, R**. 2011. Community forests for forest communities: An examination of power imbalances, challenges and goals in Brazil and Mexico. PhD Dissertation, University of British Columbia. https://circle.ubc.ca/handle/2429/33646

**Hajjar, R**.2004. The World Bank and forests: A shifting paradigm and a strategy for the Atlantic Forest, Brazil. Masters thesis, Columbia University.

# Professional Affiliations and Services

***Deputy Officer****:* Community Forestry, Forest Policy and Governance Division, International Union of Forest Research Organizations - IUFRO (2010- )

***Vice-Chair****:* Commonwealth Forestry Association (2010- )

***Expert:*** Invited to participate in the third meeting of the IUFRO Task Force on Forest Governance, San Jose, Costa Rica (2013)

***Expert:*** Invited member of the Global Forest Expert Panel, IUFRO(2010-2011)

***Co-Chair of Organizing Committee****:* 1st Annual Western Graduate Student Conference on Forestry and

Environmental Sciences, Harrison Hot Springs, Canada (2010)

***Journal article reviewer:*** Environmental Science and Policy, Forests, Environmental Conservation, European Journal of Forest Research, Journal of Environmental Management, Journal of Agricultural Education and Extension, Natural Resources Forum, World Development, Human Ecology Review, Journal of Sustainable Development.

***Member:*** Canadian Association for the Study of International Development (2013- )

***Member:*** International Society of Tropical Foresters(2006- 2013)

# Participation in Additional Training Activities

Turning Research into Policy Seminar Series (UBC) January-April 2014

Grant-writing Workshop (UBC) September 2012

Participatory Planning Workshop (CEP- Vancouver) May 2012

Effective Supervision of Graduate Students Workshop (UBC) February 2012

Interuniversity Conference and Workshops on Education (UBC) October 2011

# References

**Dr. Rob Kozak (current co-supervisor)**

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1-202-415-6209

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