

# Andreea Nowak

## Environmental Policy Specialist

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## AREAS OF EXPERTISE

- ✓ Managing and governing the commons: mapping and analyzing social and cultural services from ecosystems and benefit-sharing mechanisms for landscape stakeholders around natural resource conservation and management.
- ✓ Frameworks and tools for analyzing social and environmental outcomes of agricultural and environmental activities.
- ✓ Indicators and metrics for analyzing enabling financial, institutional and social environments for scaling out climate-smart agriculture interventions on landscapes.
- ✓ Institutional, livelihoods and vulnerability analysis, quantitative and qualitative methods for data collection and analysis | Training in GIS (ArcGis).
- ✓ Scientific editing.

## GEOGRAPHICAL FOCUS

- ✓ Latin America and the Caribbean: Argentina, Brazil, Colombia, Guatemala, Nicaragua, Perú, Uruguay
- ✓ Africa: Ghana, Mali, Niger, Senegal
- ✓ Asia: Sri Lanka
- ✓ Europe: Romania, the EU

## WORK EXPERIENCE

- 2014 – Present      **Environmental Policy Specialist (Research Associate)** – Decision and Policy Analysis Research Area (DAPA) of the International Center for Tropical Agriculture (CIAT), Cali, Colombia  
*Scientific research, project coordination and communications on topics related to climate-smart agriculture (CSA) in the tropics, including trade-offs between investments in agriculture and environment.*
- 2012 – 2013      **Visiting Researcher** - Decision and Policy Analysis Research Area (DAPA) of the International Center for Tropical Agriculture (CIAT), Cali, Colombia  
*Strategies and mechanisms for increasing impact of science into policy and decision-making. Research communications tools.*
- 2012– 2013      **Research Collaborator** - World Wildlife Fund, Cali, Colombia  
*Scientific research on designing benefit-sharing mechanisms for managing and governing the commons in watersheds.*
- 2010 - 2011      **Junior Research Fellow** - University of Bucharest, Romania  
*Research stipend on human rights and transitional justice, with a focus on socioeconomic reparations.*

2010

**Project Assistant** - International Association for International Cooperation and Development (ARCADIA), Bucharest, Romania  
*Management of a knowledge-sharing platform dedicated to international development and cooperation, the first of the kind in Romania.*

## RELEVANT RESEARCH AND PROJECT MANAGEMENT EXPERTISE

### Managing the commons for ecosystem services conservation (2012-2013)

- Mapping of ecosystem services and related stakeholders; data collection for assessment of benefit-sharing mechanisms impacts on water conflicts; organization of capacity-building workshops; development of M&E indicators; report writing; presentation of research results at international conferences and workshops (CPWF-funded Project on '*Mechanisms for benefit sharing to improve productivity and reduce conflicts for water in the Andes*' (COMPANDES))
- Policy and institutional analysis; (ESPA-funded project on '*Attaining Sustainable Services from Ecosystems*' (ASSETS))

### Water-food-energy-health nexus under climate change scenarios (2012-2013)

- Research support for the design of stakeholders' engagement strategies; institutional analysis; reporting on food security in the Amazon countries (Bolivia, Brazil, Colombia, Ecuador and, Peru); reviewing and editing of final project reports on the food-water-energy-health nexus; formulation of final policy recommendations; presentation of research results in international fora (CDKN-funded project '*Amazonia – The Security Agenda*')

### Climate Smart Agriculture (CSA) (2014-2015)

- Co-development of methodology to assess a country's enabling environment for adopting and/or scaling out CSA practices and technologies, including institutional and policy analysis, assessment of socio-economic, environmental and climatic contexts, financial opportunities; data collection, analysis, and report writing for Argentina (World Bank-funded project on '*Climate-Smart Agriculture in Latin America and the Caribbean*').
- Coordination of CSA Profiles in Latin America, Africa, and Asia (Nicaragua, Uruguay, Kenya, Rwanda, and Sri Lanka) (World Bank-funded project on '*Climate-Smart Agriculture Country Profiles*', 2015)
- Coordination of CSA Country Profiles in Eastern and Western Africa (*The CIAT-USAID Strategic Support for Feed the Future Stakeholders and National Institutions, 2014-2016*)
- Co-development of methodology and support for the implementation of participatory processes with the governments in Guatemala, Mali and Vietnam for prioritizing national investments in climate-smart agriculture, including design of stakeholder engagement strategies, dialogue with in-country Ministries and organization of participatory workshops (CCAFS-funded project on '*Climate-Smart Agriculture Prioritization Framework*').

### Climate change vulnerability (2012- 2013)

- Co-design and implementation of a methodology for vulnerability analysis in the Cauca watershed (Colombia), including analysis of socio-cultural, politico-institutional and climatic contexts and report writing (CDKN-funded project '*Agriculture, Vulnerability, and Adaptation*')

### Project management and coordination

- Management and coordination of all project cycles - project proposal, design, implementation, monitoring of activities and budget, communications with donor, reporting, M&E.
- Managing teams of 5-10 consultants.

- Work experience with partners and international donors, such as the World Bank, USAID, and the Climate and Development Knowledge Network (CDKN), the World Wildlife Fund Colombia (WWF), King's College London (KCL), the Nature Conservancy (TNC), the Global Canopy Programme (GCP), and the Consortium for the Sustainable Development of the Andean Ecoregion (CONDESAN).
- Currently leading a World Bank-funded project (USD 120,000) on assessing countries' readiness to include climate-smart agriculture in national and local planning in Latin America, Asia and Africa (2015) (*Climate-Smart Agriculture Country Profiles*).

## RESEARCH GRANTS

- The World Bank, *CSA Country Profiles*, three grants totaling US\$260,000, 2014-2015
- USAID Bureau for Food Security, *Climate-Smart Agriculture Strategic Support for Feed the Future Stakeholders and National Institutions*, US\$500,000, 2014
- The CGIAR Research Program on Climate Change, Agriculture, and Food Security (CCAFS), *CSA Investment Prioritization Framework*, four grants totaling ~US\$200,000, 2013-2015

## EDUCATION

2011-2013

### **M.Sc. in International Development and Management, Specialization in Sustainable Development and Natural Resource Management**

Department of Human Geography, Lund University, Sweden.

Thesis: '*Pockets of Hope, Pockets of Power: The potential of Benefit Sharing Mechanisms to Solve Water Conflicts in the Coello Watershed*'. The thesis focused on analyzing the different benefits derived from ecosystem services in the Coello watershed, as well as entry points for mechanisms to equitably share of these benefits among various stakeholders in the watershed, in a context of biodiversity conservation, food security and economic growth.

2008 - 2011

### **B.A. in Political Science**

University of Bucharest, Romania

## AWARDS

Weidenfeld Scholarship finalist – Oxford University (2011);

University of Bucharest Research Grant (2010- 2011);

SURPLACE Scholar - Konrad Adenauer Stiftung Scholarship for young leaders (2008- 2011)

University of Bucharest Scholarship for outstanding academic results (2008-2011)

## LANGUAGES

Romanian (native), German (native), English (proficient level), Spanish (advanced level), French (advanced level), Swedish (beginner's level)

## PUBLICATIONS

*Individual articles, working papers, and policy briefs*

**Nowak A.** 2013. Are benefit-sharing mechanisms fit for tackling water conflicts? Lessons learned from the Coello watershed in Colombia, In Modeiros, R. and Swatuk, L. (Eds). *Sustainable Development Practice: Advancing Evidence-Based Solutions for the Post-2015 Agenda. Proceedings of the 2013 International Conference on Sustainable development Practice*. Columbia University, New York

**Nowak A.** 2013. *Pockets of hope, pockets of power. Exploring the potential of benefit-sharing mechanisms to reduce water-related conflicts in the Coello watershed.* MSc Thesis. Lund: Lund University

**Nowak A.** 2014. *Climate Smart Agriculture in Argentina.* Washington D.C.: The World Bank

#### Co-authored journal articles and working papers

C. Corner-Dolloff, **A. Nowak**, M. Lizarazo, and C.A. Smith. Forthcoming 2015. *Climate Smart Agriculture Prioritization Framework: Volumes I-IV.* CCAFS: Cali, Colombia.

Corner-Dolloff, C., C. Bouroncle, **A. Nowak**, M. Lizarazo, P. Imbach, J. Ramirez-Villegas, B. Zavariz-Romero, M. Baca, A. Bucher, S. Edmeades, A. Jarvis. In preparation, 2015. *Understanding enabling environments for scaling out climate-smart agriculture: establishing Country Profiles for action and investment.* Special Issue in *Agricultural Systems*

Sain, G., A.M. Loboguerrero, C. Corner-Dolloff, M. Lizarazo, **A. Nowak**, N. Andrieu, D. Martinez. Submitted, 2015. *Costs and benefits of climate-smart agriculture: the case of the Dry Corridor in Guatemala.* Special Issue in *Agricultural Systems.*

Corner-Dolloff, C., A.M. Loboguerrero, M. Lizarazo, **A. Nowak**, F. Howland, N. Andrieu, A. Jarvis. In preparation, 2015. *A scalable framework for prioritizing investment in climate-smart agriculture: application in Guatemala, Mali, and Colombia.* Special Issue in *Agricultural Systems.*

Ortiz R; **Nowak A**; Lavado A; and Parker L. 2013. *Food Security in Amazonia.* CDKN, London.

#### Co-authored policy briefs

World Bank, CIAT, CATIE. 2014-2015. *Climate-Smart Agriculture Country Profiles in Colombia, Costa Rica, Grenada, El Salvador, Mexico, Mexico-Chiapas, Mexico- Sinaloa, Nicaragua, Peru, Uruguay.* CSA Country profiles for Latin America Series. Washington D.C: The World Bank.

World Bank; CIAT. 2015. *Climate-Smart Agriculture Country Profiles in Kenya, Rwanda.* CSA Country profiles for Africa Series. Washington D.C: The World Bank.

World Bank; CIAT. 2015. *Climate-Smart Agriculture Country Profiles in Sri Lanka.* CSA Country profiles for Asia Series. Washington D.C: The World Bank.

Navarrete-Frias C; **Nowak A**; Lavado A; Bustillos C. 2013. *Agricultura, Vulnerabilidad y Adaptación (AVA): desarrollo compatible con el clima en el sector agrícola del Alto Cauca colombiano.* Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia

Eitzinger A; Läderach P; Carmona S; Collet L; Jean-Simon L; Dufane P; **Nowak A.** 2014. *Haiti: Coffee and mango production under a changing climate.* CIAT Policy Brief No.16. CIAT, Cali, Colombia.

Peterson C; **Nowak A**; Jarvis A; Navarrete-Frias C; Figueroa A; Riano N; Vargas J. 2012. *Analyzing vulnerability: A multi-dimensional approach from Colombia's Upper Cauca River Basin.* CDKN

Eitzinger A; Läderach P; Sonder K; Schmidt A.; Sain G; Beebe S; Rodríguez B.; Fisher, M; Hicks P; Navarrete-Frías C; **Nowak, A.** 2012. *Tortillas on the Roaster: Central America's Maize-Bean Systems and the Changing Climate.* CIAT Policy Brief 6. CIAT, Cali, Colombia.

Navarrete-Frias, C.; Umaharan, P.; Debouck, D.; Garcia, S; Fuller C; Gibson N; Jarvis A; Castañeda N; **Nowak, A.** 2012. *Plant Genetic Resources: Building a Food Secure and Climate Resilient Caribbean for the Future.* CIAT Policy Brief No. 10. CIAT, Cali, Colombia.

### Individual presentations (selection)

**Nowak, A. 2015.** Appui stratégique pour le développement d'une agriculture intelligente face au climat au Niger. Presentation at the World Bank-HCRN National Workshop on Strategic Support of Climate-Resilient Agriculture in Niger. July 29, 2015, Niamey, Niger.

**Nowak, A. 2015.** CSA Country Profiles. Presentation at CIAT Annual Programme Review, Workshop on CSA Decision-Support tools. June 2015, Cali, Colombia.

**Nowak, A.,** Martinez-Baron, D., Lizarazo, M. 2015. Agricultura Sostenible Adaptada al Clima en los Andes. UNEP/REGATTA-CIAT/DAPA Webinar. February 24, 2015, Cali, Colombia.

**Nowak, A. 2014.** Institutional set-ups for dealing with complex human-ecosystem interactions: The development of watershed benefit-sharing mechanisms and implications for development policy planning. Presentation at the CGIAR/PIM-WLE, FTA workshop on Institutions for Ecosystem Services. October 28, 2014, Washington D.C.

**Nowak, A. 2013.** Are benefit-sharing mechanisms fit for tackling water conflicts? Lessons learned from the Coello watershed in Colombia. Presentation the UN Sustainable Development Solutions Network (SDSN) International Conference on Sustainable development Practice. September 6, 2013, Columbia University, New York UNSDSN

### Co-authored posters (selection)

Corner-Dolloff, C., AM. Loboguerrero, M. Lizarazo, **A. Nowak**, F. Howland, N. Andrieu, A. Jarvis. 2015. Decision-support framework for targeting investment towards climate-smart agriculture practices and programs. Oral presentation at Our Common Future Under Climate Change. 7-10 July 2015. Paris, France.

Corner-Dolloff, C., **A. Nowak**, M. Lizarazo, M. Fuentes, M. Mejía, E. Rojas. 2015. Prioritizing Investments in Climate-Smart Agriculture in Guatemala. Poster at 9th Community Based Adaptation conference. April 27-30, 2015. Nairobi, Kenya.

Bouroncle, C., C. Corner-Dolloff, **A. Nowak**, A. Halliday, F. Abigail, L.C. Jean-Francois. 2015. Climate-smart agriculture practices, institutions and public policies: a comparison of their current status in seven countries in Latin America. Oral presentation and abstract in 3rd Global Science Conference on Climate-Smart Agriculture. March 16-18, 2015, Montpellier, France.

Corner-Dolloff, C., A. Jarvis, A.M. Loboguerrero, M. Lizarazo, **A. Nowak**, N. Andrieu, F. Howland, C. Smith, J. Maldonado, J. Gomez, T. Rosenstock, E.H. Girvetz. 2015. Towards a scalable framework for evaluating and prioritizing climate-smart agriculture practices and programs. Poster at the 3rd Global Science Conference on Climate-Smart Agriculture. March 16-18, 2015. Montpellier, France.

Dembele, C., B. Sogoba, A. Coulibaly, K. Traore, O. Samake, F. Dembele, N. Andrieu, F. Howland, O. Bonilla, A. Ba, R. Zougmore, C. Corner-Dolloff, M. Lizarazo, **A. Nowak**, J. Champeau. 2015. Climate-smart agriculture: Towards a concerted definition of national priorities in Mali. Poster at the 3rd Global Science Conference on Climate-Smart Agriculture. March 16-18, 2015, Montpellier, France.

### Forum participation (selection)

July 2015. National Workshop on Climate-Resilient Agriculture in Niger. Niamey, Niger: The World Bank and The High Commission of the 3N (Nigeriens Nourish Nigeriens).

December 2014. Global Landscapes Forum. UNFCCC COP20 Side Event. Lima, Peru.

December 2014. UNFCCC COP21. Official Delegate for CIAT/CAAFS. Lima, Peru.

October 2014. Institutions for Ecosystem Services. Washington D.C: IFPRI

October 2014. Climate-Smart Agriculture Country Profiles. The World Bank: Washington D.C.

September 2013. The International Conference on Sustainable Development Practice. New York: Columbia University, Global Masters in Development and Practice (GMDP), and the United Nations Sustainable Development Solutions Network (UNSDSN).

June 2013. Climate Change and Security at the Crossroads. Pathways to Conflict or Cooperation. Kristiansand, Norway.