

Ambika Markanday

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Nationality: British
Date of Birth: 14/12/1989

Personal Statement

An integrated educational background in environmental science and the economics and policy of energy and the environment. Both academic and working experiences have contributed to a deeper understanding and expanding curiosity over the processes and interplay between various institutional, scientific, and political factors, which are driving current global environmental issues and policy response. Particular interest in climate change adaptation strategies, and extensive international exposure has resulted in a growing personal and working interest in Europe and East Asia.

Education

University College London (UCL), UK (Sept. 2013 – Sept. 2014)

- ◉ **Master of Science (MSc) in Economics and Policy of Energy and the Environment**
- ▶ Modules Included: UK, EU and International environmental law, Environmental Economics, Political Economy of Energy Policy, and Energy Technology Innovation
- ▶ Dissertation: ‘Governance and Civil Society Influence in China’s Environmental Policy: A Case Study of the Beijing Clean Air Action Plan (2013-2017)’

University of Manchester, UK (Sept. 2008 – June 2011)

- ◉ **Bachelor of Science (BSc) in Environmental Science** (2.1. with Honours, awarded June 2011)
- ▶ Modules Included: Environmental Issues and Solutions, Global Climate Change, Glacier Processes & the Climate System and Sustainable Development.
- ▶ Dissertation: ‘Changes in Carbon Stock with Changes in Land Use: An Assessment of Bamboo Land Cover as a Proxy for Carbon Sequestration in Cambodia’

St. George’s British International School in Rome, Italy (Sept. 2002 – May 2008)

- ◉ **International Baccalaureate (IB) diploma (awarded May 2008)**
- ▶ Modules Included: Chemistry, Biology and Geography at higher level, and English, Italian and Mathematics at standard level
- ◉ **International General Certificate of Secondary Education (IGCSE) (awarded July 2006)**

Experience

‘Basque Centre for Climate Change’ (BC3), Bilbao, Spain

(November 2015 - Current)

- PhD student and junior researcher for the EU H2020 ‘RESIN’ Project on climate resilient cities and infrastructures. Main research areas include the economics of adaptation measures in cities for priority-setting and decision-making.

‘Independent Consultancy for the International Renewable Energy Agency (IRENA)’

(July 2015 – September 2015)

- Working as research assistant to the Scientific Director of the Basque Centre for Climate Change (BC3), Dr. Anil Markandya, on the data collection, calculation and analysis of country-level greenhouse gas emissions from various fuel types for current and projected energy uses.

‘Basque Centre for Climate Change’ (BC3), Bilbao, Spain

(April 2015 – July 2015)

- Guest researcher for the ECONADAPT (EC FP7) research project, whose purpose is to support adaptation planning through building the knowledge base on the economics of adaptation to climate change and converting this into practical information for decision-makers. Key responsibilities included extensive data collection and research on the economic valuation of undeveloped land in Europe; in depth research on the costs and benefits of various adaptation measures of ecosystems to climate change; and participating in key discussions with the ECONADAPT team on the economic analysis of adaptation strategies in the EU.

‘IBEST Education Institute’, Beijing, China

(March 2013 – August 2013)

- Main responsibilities included writing and developing language-learning material for the IBEST teaching curriculum, including academic teaching plans, exercise books, and audio books, for children aged 2-12.

‘International Network for Bamboo and Rattan’ (INBAR), Beijing, China

(Oct. 2011 – Sept. 2012)

- As Climate Change and Economic Research Intern for the Livelihoods and Economic Development Programme, my responsibilities involved scientific and economic analysis of tropical bamboo plantations and their application for climate change mitigation and carbon credits; contributing to the development of policy frameworks on tropical bamboo species for the energy sector in specific member countries; preparing technical assistances notes; aiding technical report writing for bamboo energy, bamboo plantations and other areas; and contributing to further economic and environmental research and analysis by researching, planning, evidencing, writing and assisting as otherwise needed.

‘Groupe Energies Renouvelables, Environnement et Solidarité’ (GERES), Cambodia
(July 2010 – Sept. 2010)

- Taking on the role of Communications Intern for the Climate Change Unit at GERES in Phnom Penh, my main responsibilities involved assisting in the development and editing of organisational proposals, press releases, and various other publications and online material centred around pro-poor carbon technologies, carbon auditing and energy efficient solutions

‘Nexus, Carbon for Development’, Phnom Penh, Cambodia
(July 2010 – Sept. 2010)

- Based on my recognised efforts with GERES, my responsibilities extended to its daughter organisation, ‘Nexus, Carbon for Development’, an organisation focused on providing access to the carbon market for development stakeholders.

Skills

Computer Proficiency

- Experienced user of both Windows and Mac operating systems; fast typist and competent user of Microsoft Office Programs, particularly Microsoft Excel, PowerPoint, and Word. Experience with online survey/questionnaire design programs.

Languages

- English (native), Italian (fluent), Mandarin (basic), French (basic), Spanish (basic)

Interpersonal & Communication Skills

- Experience working in teams of people within various multidisciplinary, multicultural and institutional work settings

References

1. Dr. Anil Markandya - Scientific Director of BC3

Email: anil.markandya@bc3research.org

2. Dr. I.V. Ramanuja Rao - Former Director of Livelihoods & Economic Development Programme, INBAR

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