

CURRICULUM VITAE

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SUMMARY

- Ph.D scientist with over 15 years experience designing and implementing conservation projects
- Proven experience in fund raising and donor/foundation relations: led Conservation International teams that accessed \$10.5 M in 2003 from USAID and CI/GEF/World Bank/MacArthur Foundation
- Awarded and managed external grants from Conservation International Foundation and the Bolivian Nature Foundation to Bolivian and Brazilian conservation NGOs
- Founded and directed Bolivian conservation and development NGO: guided NGO from initiation to becoming a 5-person \$100 000 a year organization, raised \$250 000 and managed donor relations
- Technical expert in plant-animal relations in neotropical forests, ecosystem service valuation, policy analysis and the impacts of the oil and gas sector on biodiversity
- Regional specialization in the tropical Andes: extensive additional experience in Indonesia, Mesoamerica, Madagascar, Yemen and Ghana.

PROFESSIONAL EXPERIENCE

Senior Advisor, Policy Program, Conservation International, Washington DC, USA (2/01-4/05)

- *Led grant proposal-writing and strategy development:* Led development of CI/GEF/World Bank/MacArthur Foundation Critical Ecosystem Partnership Fund \$7.4 M Northern Mesoamerica regional strategy (which later became CEPF's "Ecosystem Profile"); led, submitted, and won funding proposals that designed projects in Southern Mexico worth \$3.1 M; liaised with government and non governmental partner organizations and foundations to develop and achieve common deliverables
- *Managed and reported on two external grants* from the Conservation International Foundation to NGO partners: drafted grant agreements, managed grantee relationship, and reviewed final reports.
- *Led policy analysis of impact of oil and gas sector on Bolivian biodiversity:* Designed research plan, interviewed stakeholders and developed economic and political analysis of the likely impact of oil and gas exploration and exploitation on the Bolivian protected area system.
- *Provided global technical policy support:* Developed global legal analysis of protected area policies; directed policy, legal and enforcement projects in Bolivia, Mexico and Brazil, provided technical and strategic support to Conservation Coffee program; supported Enforcement Economics analysis
- *Led functional transition of CI Mesoamerica Program:* Played critical support role in transition of Mesoamerica program from independent country-based offices to a cohesive regional center with transboundary objectives and partner-support strategies
- *Managed partnerships:* Supported development of Mundo Maya Alliance of NGO partners and the InterAmerican Development Bank; supported internal strategy development and program evaluations
- *Supported research:* Initiated CI's payments-for-environmental services research program; helped develop new environmental services program; completed multidisciplinary analysis of the role of legal enforcement in protected area management
- *Supervised consultants:* Delegated responsibility for sub-projects, and developed clear reporting lines. My work required me to develop teams comprising not of direct reports, but of technical advisors, country program staff and NGO and government representatives: I learned valuable team-building skills.

Co-Founder and Board Member, Fundación Natura Bolivia, Santa Cruz, Bolivia (10/00-present)

- *Co-founded and directed Bolivian environment and development NGO:* Identified, designed and initiated projects with partners, developed strategic action plan and annual workplans, and provided institutional strengthening, follow up, and monitoring.
- *Raised funds (\$250 000 in 24 months) and managed donor relations* with Garfield Foundation, Food and Health Foundation, International Institute for Environment and Development and others.
- *Hired 2 senior managers and 4 technicians:* Delegated responsibilities to senior staff and focused and mentoring the field staff. Have co-led (with the Executive Director) monitoring staff performance and negotiating new contracts.
- *Worked with two client communities* in the Los Negros watershed of Amboró National Park to participatively design payments-for-watershed services program; built local support, raised funds for initial payments, and developed a monitoring and evaluation system. This pilot program is now compensating 12 landowners to manage 900 hectares of cloud forest, and is expanding to other communities. Compensation is in the form of an (inter-village negotiated) bee box for every 10 hectares of cloud forest protected for a year.

Fellow, Center for International Forestry Research (CIFOR), Bogor, Indonesia (7/99-9/00)

- *Wrote initial project proposal* that was funded by the European Commission for \$100 000
- *Designed and coordinated 16-month research project* that assessed the potential for integrating the goals of the Clean Development Mechanism of the Kyoto Protocol with sustainable rural development and biodiversity conservation.
- *Evaluated joint implementation forest management (LULUCF) projects* in Chiapas, Mexico and Santa Cruz, Bolivia; co-wrote policy brief, presented recommendations to client institutions at international policy workshops in Lima (February) and Milan (March); liaised with government officials in Indonesia, Bolivia and Mexico to strengthen future project design.
- *Authored reports:* Published monitoring and evaluation report: "Can forest carbon projects improve rural livelihoods? Analysis of the Noel Kempff Mercado Climate Action Project, Bolivia" *Mitigation and Adaptation Strategies for Global Change (Mitigation and Adaptation Strategies for Global Change 7: 323-337)*
- *Developed in-depth knowledge* of the potential role and limitations of forest management in Kyoto; designed efficient and well-received project implementation plan; gained understanding of the potential for CGIAR system and UN organizations to interact and work together.
- *Supervised two consultants:* Developed TORS, supervised these employees and facilitated and managed the production of their deliverables.

Analyst, World Bank, ENVGM/Environment Department, Washington DC, USA (5-8/98)

- *Designed and implemented a three-month research project* assessing the involvement of the private sector in biodiversity conservation. Developed economic, fiscal, and institutional policy recommendations for increasing the role of private capital in conservation, and assisted World Bank staff and partners with data analysis, and preparation of project status reports.
- *Developed innovative recommendations* and check list for increasing private sector investment in conservation. Lobbied with senior Bank staff to implement recommendations; learned how World Bank and associate partners and governments interact and function.

Project Leader, Smithsonian Tropical Research Institute, Panama (1/96-12/97)

- *Raised \$50 000 in funds and managed donor relations* with the Conservation, Food and Health Foundation, the Lincoln Park Zoological Society, the Forest History Society and others.
- *Organized, and managed a 2-year, 5-person project* to investigate the effects of tropical forest fragmentation on tree regeneration in Panama and Venezuela.
- *Designed experiments* to quantify seedling survival in and on the edges of fragmented forests, with special reference to forest management strategies
- *Supported logistics* for undertaking long term ecological field research in the Gran Sabana region of Venezuela; liaised with partner research institutions in Panama City, Puerto Ordaz and Caracas; monitored and evaluated project progress.
- *Published and presented results*: Developed ground breaking analysis of the competing theories of the role of top-down control of predators on tree species diversity, wrote book chapter on forest dynamics in the Spanish language book “Neotropical forest ecology and conservation”; published two articles in the top international journal in the field “Ecology”.
- *Trained and supervised four field technicians*: Each of these technicians already had a Bachelors degree in biology; three were inspired to continue their studies and are now undertaking Ph.Ds at Cambridge University and the Universidad Complutense de Madrid

ADDITIONAL EXPERIENCE

Lead Consultant, Foundation for Biology (YABSHI), Jakarta, Indonesia (2-4/94)

Designed and led a 3mo research project with 3 students and faculty from the University of Indonesia, assessing the effects of deforestation on endangered primate and other mammal communities in west Java. Quantified threats to diversity, recommended solutions, and published forest management strategy in *Tropical Biodiversity* 3: 1-14. Published analysis of Javan conservation strategies in *Conservation Biology* 15:345-352.

Team Leader, Krakatau Research Project, Java, Indonesia (1-10/89, 4-8/92)

Coordinated, raised funds for, and implemented a \$30 000, 6-mo project which placed 15 researchers on the Krakatau Islands, 40 km off the coast of Java, to assess the role of biogeography on reforestation rates. Extended project management in 1992 to involve 25 field assistants and an additional field site in Java.

Lead Project Evaluator, BCI Grants Program, Smithsonian Institution, Panama (11/96)

Oversaw ecological small grants program, reviewed project proposals, and headed decision committee.

Evaluator, Scott Neotropic Fund, Small Grants Program, Lincoln Park Zoo, Chicago (9/93, 9/97, 9/98)

Evaluated proposals for conservation and development projects, recommended decisions to awards panel.

Reviewer, for journals *Ecology*, *Biotropica*, and *Journal of Tropical Ecology* (5/95-present)

Reviewed manuscripts/project reports, suggested improvements, and recommended decisions to editor.

Lead Consultant, Center for Yemeni Studies, Sana'a, Yemen (6-8/90)

Designed and managed a 2-mo assessment of the Yemeni mountain terrace-agricultural system. Interviewed local farmers and government officials, undertook field surveys, completed literature review, recommended development solutions. Published results as “Yemen: Cultivation Crisis” (*Geographical* XIV.3: 40-41).

Botanist, Cambridge Ghana Rainforest Project, Ankasa Game Reserve, Ghana (5-7/88)

Botanist on 5-member team undertaking 5-wk field survey of the Nini-Suhien National Park, west Ghana. Set up vegetation plots, undertook botanical surveys, and assisted with primate and avifaunal surveys.

EDUCATION

Ph.D. in Tropical Ecology, Center for Tropical Conservation, Duke University (94-8)

Ph.D. thesis: *Mammals, Edge Effects, and the Loss of Tropical Forest Diversity*. Advisor: John Terborgh.

Masters of Public Policy, Sanford Institute of Public Policy, Duke University (96-7)

Memo: *How Should the World Bank Encourage Private Sector Investment in Biodiversity Conservation?*

Masters in Ecology, Department of Biological Sciences, University of Illinois (92-94)

Masters thesis: *Indirect Effects of Tropical Forest Fragmentation, Central Panama*. Advisor: Henry Howe.

BA in Geography, Oxford University (86-89) Concentration: The Nature and Human use of Arid Zones.

COMMUNICATION SKILLS

JOURNAL ARTICLES AND BOOK CHAPTERS

Asquith N.M. & M. Mejia-Chang. 2005. Mammals, edge effects and the loss of tropical forest diversity. *Ecology* 86:379-390

Asquith N.M., M.T. Vargas Ríos & J. Smith. 2002. Can forest carbon projects improve rural livelihoods? Analysis of the Noel Kempff Mercado Climate Action Project, Bolivia. *Mitigation and Adaptation Strategies for Global Change* 7: 323-337.

Asquith N.M. 2002. La dinámica del bosque y la diversidad arbórea. Pages 377-406 in: Guariguata, M.R. & G. H. Kattan eds.. *Ecología y conservación de bosques neotropicales*. Ediciones LUR, Cartago, Costa Rica.

Arnold, A.E. and N.M. Asquith. 2002. Herbivory in a fragmented tropical forest: patterns from islands at Lago Gatún, Panama. *Biodiversity and Conservation* 11:1663-1680.

Asquith N.M. 2001. Misdirections in conservation biology. *Conservation Biology* 15: 345-352.

Asquith N. 2000. The Kyoto Protocol, ITTO and tropical forests. *Tropical Forest Update* 10.2.

Asquith N. 2000. Current directions of climate change mitigation: lessons learned from AIJ pilot phase forestry projects. *Perhimpni 1999 Conference Proceedings*, Bogor, Indonesia.

Asquith, N.M., J. Terborgh, A.E. Arnold & M. Riveros C. 1999. The fruits the agouti ate: *Hymenaea courbaril* seed fate when its disperser is absent. *Journal of Tropical Ecology* 15: 229-235.

Asquith N.M., S.J. Wright & M.J. Clauss. 1997. Does mammal community composition control recruitment in neotropical forests? Evidence from Panama. *Ecology* 78: 941-6.

Asquith N.M., Martarinzá & R.M. Sinaga. 1995. The Javan Gibbon: status and conservation recommendations. *Tropical Biodiversity* 3: 1-14.

Asquith N.M. 1995. Javan Gibbon conservation: why habitat is crucial. *Tropical Biodiversity* 3: 63-65.

Asquith N. 1992. Yemen: Cultivation Crisis. *Geographical* XIV.3: 40-41.

FILM

Asquith N.M. 1991. Oxford University Krakatau Expedition. *BBC Film*, broadcast April 9th 1991.

RECENT ORAL PRESENTATIONS

International Tropical Timber Organization Council, Lima, Peru (2000)

Association of Agricultural Meteorology, Bogor, Indonesia (1999)

Smithsonian Tropical Research Institute, Panama City, Panama (1997)

LANGUAGES

Native English, fluent Spanish, some French.