

INGRID L.P. NYBORG

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Citizenship: USA

Birth date: 17 June 1960

Marital status: Married, two children born 1993 and 1996

SPECIALTIES:

Rural development, local participation and resource management; socio-cultural aspects of water and sanitation, social forestry, gender and power issues in development; participatory technology development in sanitation and agriculture, food, livelihood and human security; development aid and accountability; analysis of social systems, qualitative methods. Work experience from: Tanzania, Gambia, Sudan, Malawi, Ethiopia, Eritrea, Nepal, India, Pakistan, Afghanistan.

EDUCATION:

PhD. Development Studies, Agricultural University of Norway, Ås. August 2002. Dissertation title: 'Yours Today, Mine Tomorrow? A Study of Women and Men's Negotiations Over Resources in Baltistan, Pakistan.'

Master of Science, International Agricultural Development/ Agricultural Economics, University of California, Davis. April 1987. Thesis title: "The Role of Small Farmer Credit Cooperatives in Agricultural Development."

Bachelor of Arts. International Relations, University of California, Davis, December 1983. Undergraduate education included 18 months study in Comparative Politics at the University of Bergen, Norway.

EXPERIENCE:

Associate Professor/Researcher, Noragric, Department for International Environment and Development Studies, Norwegian University of Life Sciences, Ås. February 1988 – Present.

Activities include:

Responsible for MSc course in Gender and Development, and teaching in qualitative methods and case studies in rural development, agriculture, resource management. Advisor for several MSc and PhD students which have focused on forestry and social forestry issues, both in Africa and Asia.

Responsible for developing a new institutional collaboration between Comsats University, Abbottabad, **Pakistan** and Noragric/UMB, in the areas of Environment and Development Studies, including the design of a new International MSc program in Sustainable Water and Sanitation, Health and Development (to be offered jointly by UMB, Tribhuvan University, Nepal, and Comsats University, Pakistan)

Researcher/Project Leader, Livelihoods in Dai Kundi and Faryab, Afghanistan. Applied research project conducted with Norwegian Church Aid, involving field research in Dai Kundi and Faryab Provinces, and training workshops for NGO staff in qualitative field methods and analysis. (2005-2007).

Researcher/Project Leader, *'High Altitude Integrated Natural Resource Management Program'*. Collaborative Research Project with the Aga Khan Rural Support Program, Baltistan, **Pakistan**, funded by NORAD/Islamabad (October 2000 – 2007). Research includes studies of community forest management, local institutional development, and gender and resource management.

Project Coordinator at Noragric for Dryland Coordination Group, an NGO Network working on sustainable development and food security issues in Mali, Sudan, Ethiopia and Eritrea. Focal point for applied research in **Eritrea**.

Researcher/Project Leader, *'Local Knowledge in Relation to Management of Agrobiodiversity, Seed and Food Security – Tanzania'*. Collaborative research project, supported by FAO/LinKS. (January 2003 – June 2005). Carried out applied research on local knowledge in agrobiodiversity.

Researcher, *Tanzania Agricultural Research Program II (TARP II)*. Member of interdisciplinary team in the research project: Improving Food Security – Development and promotion of improved processing, packaging and storage of sweet potato and cassava. **Tanzania** (Jan 2001 – July 2004).

Social Scientist, *Impact Assessment Team (IAT), Tanzania Agricultural Research Program II (TARP II)* (NORAD). Responsible for developing a monitoring and evaluation plan for assessing the impact of the research program on household food security and income. **Tanzania** (Jan 2001 – 2004)

PhD Research Fellow, Noragric. Project title: *'Yours Today, Mine Tomorrow? A study of women and men's negotiations over resources in Baltistan, Pakistan.'* (Jan. 1997- August 2001)

Team Leader. Held 10-day *workshop on identifying locally-defined food security indicators* for Redd Barna rural development project in Gondar, **Ethiopia**. (Nov. 1995).

Team Member, *Natural Resource Management member of Joint Monitoring Mission Team, Aga Khan Rural Support Program, Pakistan*. (NORAD). Responsible for evaluating agricultural activities, as well as community forest management and plantation activities. (Sept. 1994, Sept.1995)

Team Leader, Impact Assessment of the Norwegian-funded FAO project "Enhancing the Agricultural Production Capacity of Rural Women" in **Nepal**, for FAO (March-May 1995).

Team Leader, *Review of Sustainable Forestry Program*, Aga Khan Rural Support Program, **Pakistan**, for NORAD (Nov. 1994).

Project Leader, *Indicators for Food Security*. Study for Norway's SSE Program to identify indicators which can be used by Norwegian NGOs to evaluate the impact of their project activities on household food security. Investigates the possibilities for participatory monitoring systems.(NORAD) (June-October 1994).

Project Leader, *Gender Issues*. Responsible for integration of gender issues in NORAGRIC's consulting, research and educational activities.

Project Leader, for "*Mid-Term Evaluation of Sadguru Water and Development Foundation's Five-Year Plan*." Looked at local participation and resource management issues in small irrigation projects run by a local NGO with support from the Indian government, Aga Khan Foundation and NORAD. **India** (Nov. 1992)

Social Scientist. *Member of Mission to Malawi to conduct an Environment - Population - Poverty Nexus Study*. Included analysis of the national, sub-national, village and household levels. **Malawi** (World Bank) (April - June 1992).

Socio-Economist. *Study on the economic, human and environmental costs and benefits of desert locust control measures in the Sahel*. Dealt with food security and gender issues. (Norwegian Ministry of Foreign Affairs) (Feb. - May 1992)

Social Scientist. *Tanzania's Comprehensive National Food Security Program, Phase II*. **Tanzania** (FAO), (Feb-Mar 1991).

Visiting Scholar. International Food Policy Research Institute (IFPRI) in Washington, D.C. to study household food security issues, and develop a conceptual framework for a study in Tanzania (Sept. October 1990).

Research Associate. Sokoine University of Agriculture, Morogoro, **Tanzania**. Worked together with the Department of Rural Economy on developing a proposal for a 5-year action/research program in household food security. Included numerous field visits to projects dealing with household food security (Oct. - December 1990).

Project Leader of an evaluation of Bakau and Lamin Women's Horticultural Cooperative Societies in The **Gambia**, (March/April 1990).

Project leader of an evaluation of the Chamen Self-Development and Training Center in The **Gambia**, (March/April, 1990).

Social Scientist. Evaluation of Norwegian Red Cross Integrated Rural Development Project in Sinkat, Red Sea Hills, **Sudan** (NORAD) (April/May 1989).

Symposium Coordinator, International Symposium on the Sustainability of Production Systems in Sub Saharan Africa, 4-7 September, 1989. Planned, budgeted and coordinated symposium with 16 speakers and ca. 85 participants.

Proposal Management Assistant/Resource Economist. RDA International, Inc., Placerville, California. Managed, researched, and wrote background for technical proposals for development projects. Other activities included contacting consultants and forming project teams, summarizing past project experience for World Bank registration, systematizing RDA's research resources for the computer, and supervising high school interns. (April 1986 to September 1987).

Seminar Coordinator. Department of Applied Behavioral Sciences, University of California, Davis.

Planned and coordinated three International Agricultural Development 190/290 Seminar Series on Technology Transfer, Ethics in Development and Women in Development. Duties included supervising students and grading papers. (December 1985 - December 1986).

Planning Committee Member. Women in Agriculture Conferences, UC Davis. (1986 and 1987).

Research Assistant, Department of Agricultural Economics, University of California, Davis. Researched the role of small farmer credit cooperatives in agricultural development. (August 1985 - January 1986).

Intern. Student Experimental Farm, University of California, Davis. As a field hand duties included sowing, transplanting, field preparation, irrigation and harvesting. Was responsible for disc-harrowing the fields using a caterpillar and scissor-disc. (April - July 1985).

PUBLICATIONS/REPORTS/PRESENTATIONS :

Nyborg, Ingrid and Bahadar Nawab (2009) 'Towards sustainable rural sanitation: The role of the University in participatory technology development in Pakistan'. Paper presented at 'Conference for Environmentally Sustainable Development 2009'. COMSATS University, Abbottabad, Pakistan, August 2009.

Hanserud, Ola Stedje and Ingrid Nyborg. Post disaster water and sanitation reconstruction – potential for improvement. Presentation at World Water Week, Stockholm August 2009.

Jenssen, Petter and Ingrid Nyborg (Autumn 2009) 'Wast (ing) Water'. *The New Economy*.

Nawab, Bahadar and Ingrid L. P. Nyborg (2009). 'Institutional challenges in water supply and sanitation in Pakistan: revealing the gap between national policy and local experience'. *Water Policy* Vol 11 No 5 pp 582–597

Nyborg, Ingrid, Bahadar Nawab, Ola Hanserud and Gry Synnevåg, Collaborative Workshop on Participatory Research and Capacity Building of Institutions in Afghanistan and Pakistan in Sustainable Sanitation, Noragric Report no. 27. Norwegian University of Life Sciences.

Nyborg, Ingrid et al. (2007) Exploring Rural Livelihoods in Afghanistan: A Study of 10 Villages in Dai Kundi Province. Norwegian Church Aid Report/ Noragric Working Paper No. 40.

Nyborg, Ingrid, Trygve Berg and Jens Aune. (2007) New Paradigms in Technology Development: Exploring Innovative Approaches to Linking Agricultural Research and Practice. Paper presented at Workshop for Association of Eritreans in Agriculture

Ali, Jawad and Ingrid Nyborg. Corruption or Just an 'Alternative System'? Reassessing the Role of the Forest Department in the Northern Areas of Pakistan. (submitted)

Nawab, B., Nyborg, I. L. P., Esser, K. B. & Jenssen, P. D. (2006). Cultural preferences in ecological sanitation systems in North West Frontier Province, Pakistan. *Journal of Environmental Psychology*, 26, pp. 236-246.

Nyborg, Ingrid (2005) Strategies to Mobilize Women in Rural Communities: The case of Aga Khan Rural Support Program, Northern Areas of Pakistan. Presentation at Workshop on Hygiene Education in Rural Water and Sanitation in Afghanistan. Kabul.

Nyborg, Ingrid and Bahadar Nawab (2005) Mobilizing the Community for Behavioral Change – Case of Water and Sanitation Practices in NWFP, Pakistan. Presentation at Workshop on Hygiene Education in Rural Water and Sanitation in Afghanistan. Kabul.

Nyborg, Ingrid and Jawad Ali (2005) Exploring Nature, Wealth and Power Issues in Agriculture and Resource Management: A Case Study on the Aga Khan Rural Support Program, Northern Pakistan. University of Georgia, USA/USAID Study.

Ali, Jawad and Ingrid Nyborg (2005) Exploring Ecological and Socio-Economic Issues for the Improvement of Area Enclosure Management: A Case Study from Ethiopia. Dryland Coordination Group Report Nr. 38, Ås, Norway.

Nawab, Bahadar and Ingrid Nyborg (2004). Potential Role of Traditional Institutions in the Management of Natural Resources in Pashtun Society of NWFP, Pakistan. International Conference on Environmental Challenges in the New Millennium. University of Peshawar, Pakistan.

Nyborg, Ingrid (2004). 'Discovering' Farmer – Livestock-keeper Relations: Experiences in exploring context in cassava research in Tanzania. Workshop on Collaborative Research for Food Security, Morogoro, Tanzania.

Johnsen, Fred and Ingrid Nyborg (2004) The Impact: Assessments and Perspectives. The Case of the Project 'Food Security and Household Income for Smallholder Farmers in Tanzania, Applied Research with Emphasis on Women'. Tanzania Agricultural Research Project, Phase II, Sokoine University, Morogoro, Tanzania.

Nyborg, Ingrid (2002) 'Yours Today, Mine Tomorrow? A Study of Women and Men's Negotiations Over Resources in Baltistan, Pakistan. Noragric PhD Dissertation No. 1, Noragric, Agricultural University of Norway, Ås.

Johnsen, Fred, Nyborg, Ingrid et al. (2002) Baseline Data on the Food Security and Household Income for Smallholder Farmers Research Projects. Vol. 1, 2 and 3. TARP II, Sokoine University of Agriculture, Morogoro.

Nyborg, Ingrid, Dismas, Mwaseba, and Said H. Mbagi (2001) Agricultural Research Impact Assessment: Baseline Data Collection Manual. TARP II-SUA Project. Morogoro: Sokoine University of Agriculture

Nyborg, Ingrid (2001) 'Women and Land Rights'. A presentation prepared for discussion in the parallel session 'Property Rights and Development' at NORAD's Regional Bistandskonferanse, March 2001.

Synnevåg, Gry, Nyborg, Ingrid and Ruth Haug (Forthcoming) 'Matvaresikkerhet: Hvordan sikre fattige kvinner og menn tilgang til mat?' In: Conference proceedings for NORAD's Regional Bistandskonferanse, March 2001.

Nyborg, Ingrid (2001) 'Indicators for Measuring Food Security: A Case Study from Ethiopia'. In: Methodology for Agricultural Research Impact Assessment. Proceedings of workshop under TARP II Research Project. Morogoro: Sokoine University of Agriculture. ISBN: 9987 605 24 9

Nyborg, Ingrid (1998). Gender, Food Security and Environment - a case study in Sultanabad, Baltistan, Pakistan. Presentation at AKRSP, Skardu, Pakistan. (Seminar series presenting preliminary findings from fieldwork, 13. June, 20. July og 5. September 1998.)

Ahmad, Nazir, Nyborg, Ingrid and Gulcheen Aqil (1998) Gender, resource management and livelihood security. High altitude integrated natural resource management. Report No. 5. Skardu / Ås: Aga Khan Rural Support Programme / Norges landbrukshøgskole. ISSN:1501-5947

Nyborg, Ingrid (1997). 'Gender and resource management in Northern Pakistan: the relevance of studying gendered power processes'. Norwegian Association for Development Research Annual

Conference 1997 proceedings: People Food and the Environment - 200 years after Malthus. Ruth Haug, (ed.) Ås: Agricultural University of Norway, pp. 191-212.

Nyborg, Ingrid (1997). Agriculture, Natural Resources and Gender - A Holistic Approach. Presentation at workshop for CARE, Norge, Oslo, Norway

Nyborg, Ingrid (1997) Gender and Resource Management in Northern Pakistan: The Relevance of Studying Gendered Power Processes. Paper presented at the NFU Annual Conference, Ås, June 1213, 1997.

Nyborg, Ingrid and Ruth Haug, (1995)"Measuring Household Food Security: A Participatory Process Approach." FORUM for Development Studies, No.1.

Brouwers, Ria, Paul Clarke, Richard Montgomery, John Cool, Paul Eastman, and Ingrid Nyborg (1995). "Report of the Joint Monitoring Mission to Aga Khan Rural Support Program, Pakistan." Report to the AKRSP Donor Liaison Group, Pakistan.

Nyborg, Ingrid and Ruth Haug (1995). 'Measuring Household Food Security: A Participatory Process Approach.' Noragric Working Papers No. 6. Ås.

Nyborg, Ingrid and Frøydis Kvaløy (1995). "Impact Assessment of the FAO project 'Enhancing the Agricultural Production Capacity of Rural Women' in Nepal." Report for FAO.

Nyborg, Ingrid and Ruth Haug (1994). "Food Security Indicators for Development Activities by Norwegian NGOs in Mali, Ethiopia and Eritrea. NORAGRIC, SSE-Program.

Nyborg, Ingrid and Hameed Ullah (1995). "Review of Aga Khan Rural Support Program's (AKRSP) Sustainable Forestry Development Program' report for NORAD.

Brouwers, Ria, Paul Clarke, Anne Coles, John Cool, Paul Eastman, and Ingrid Nyborg (1994). "Report of the Joint Monitoring Mission to Aga Khan Rural Support Program, Pakistan." Report to the AKRSP Donor Liason Group, Pakistan.

Nyborg, Ingrid, Robert Mitchlell, Dr. Sindhu Phadke, Jan Erik Studsrød (1993). "Mid-Term Evaluation of the Sadguru Water and Development Foundation's Five-Year Plan." for NORAD, Aga Khan Foundation and SWDF.

Navrud, Ståle and Ingrid Nyborg (1992). "Social Costs and Benefits of Desert Locust Control and Alternative Actions: A Case Study in Sudan.", for Norwegian Ministry of Foreign Affairs.

N. Shanmugaratnam, Anne Mossige, Ingrid Nyborg and An-Magritt Jensen (1992). 'From Natural Resource Degradation and Poverty to Sustainable Development in Malawi: A Study of Population-Environment-Agriculture Nexus', for the World Bank.

Nyborg, Ingrid L . P., Taylor, A.A ., Senghore, A.B. (1990). "Evaluation of the Chamen Self-Development and Training Center," for the Royal Norwegian Society for Rural Development.

Nyborg, Ingrid- L.P., Jack, I., Manneh, K. (1990). 'Evaluation of the Bakau and Lamin Horticultural Cooperative Societies, The Gambia', for the Royal Norwegian Society for Rural Development.

Svads,H. S. Sutton, A.G.M. Ahmed, I. Nyborg (1989). "Evaluation of the Norwegian Red Cross - Sudanese Red Crescent Society's Integrated Rural Development Project (IDRP) in Sinkat District, Red Sea Hills, Sudan."

Rochin, Refugio I.; Nyborg, Ingrid (1989). "Organizing Credit Cooperatives for Small Farmers: Factors Conducive for Operational Success." Journal of Rural Cooperation - Special Issue, Nos. 1 and 2, (Paper presented at the Seventh World Congress for Rural Sociology, Bologna, Italy, June 28, 1988)