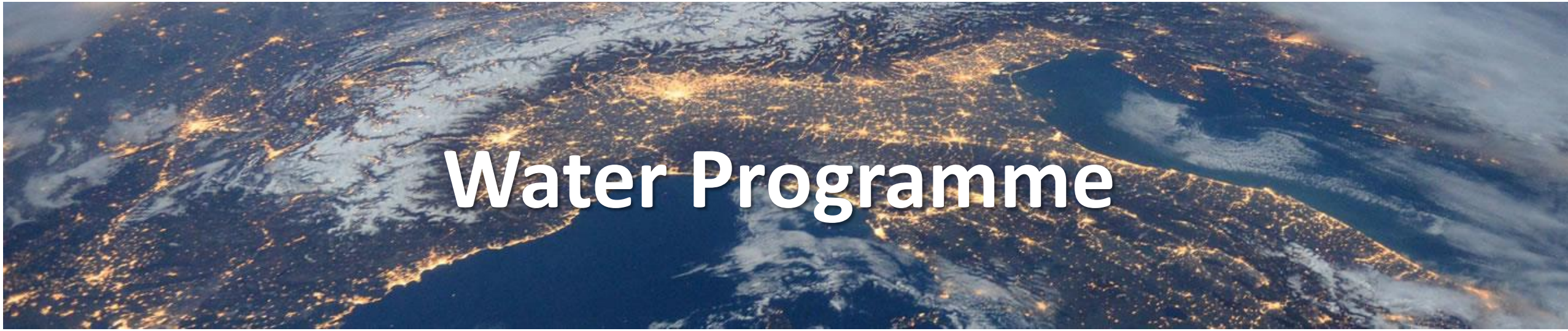
Managing Water in the Americas:
bringing a science and gender lens to the table

6 Programmes with Participation of Scientists from the majority of the countries of the Americas

Water, Energy, Capacity Building, Women for Science, Science Education, Food Security

IANAS is the Inter-American Network of Academies of Science.



Water Programme

20 countries of the Americas
Focal Point Representatives

Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Grenada, Honduras, México, Nicaragua, Peru, Panama, Uruguay, USA and Venezuela

Gender Composition-Leadership
7 of 20 Focal Points are women
Executive Director and Co-Chair also

INTER-AMERICAN NETWORK OF ACADEMIES OF SCIENCES

Science Academies working together to promote science and technology for development, prosperity and equity in the Americas

- Participation of 120 authors all professionals in water sciences with different specialties

38 of 120 Women Scientists as authors

2 Co-Editors-Women

Limnologists, Hydrologists, Civil and Sanitary Engineers, Biologists, Chemists, Biochemists and more.

- *Water sources and problems caused by the urbanization process*
- *Water supply services in urban areas*
- *Treatment of wastewater in urban areas*
- *Water and health in cities*
- *Variability and change in climate and consequent influence on water resources in cities.*
- *Special themes according to focus of interest of experts in focal point countries, Model Solutions*

http://www.ianas.org/books/books_2015/water/urban_water_210315.pdf

Example of bringing a gender lens and interrelationship of the programs of IANAS

GUIDE TOWARDS A SUSTAINABLE ENERGY FUTURE FOR THE AMERICAS

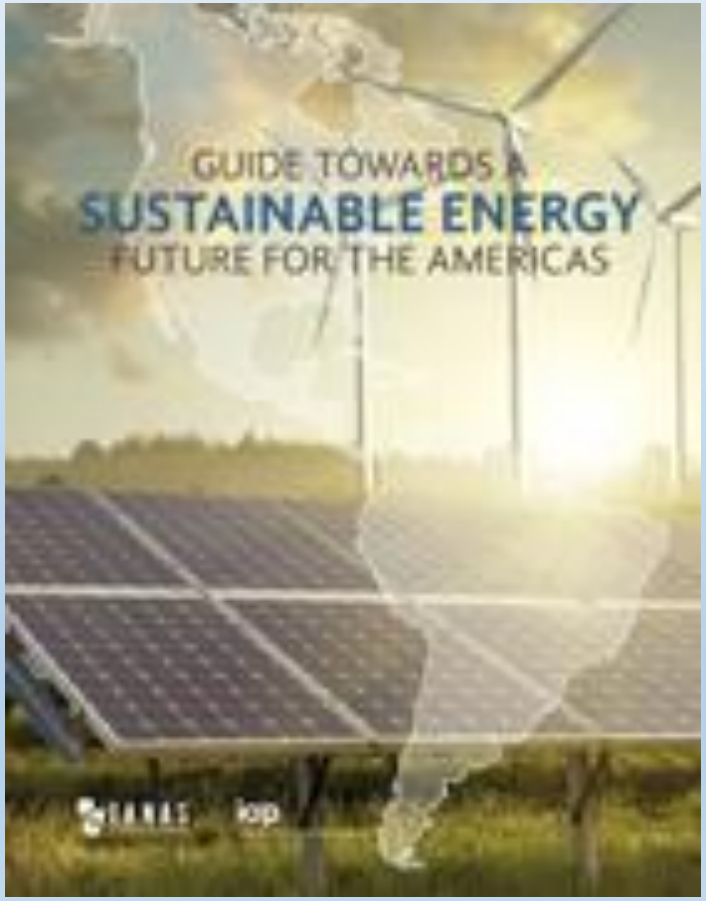
Chapter 4

Women, Energy and Water: The Effects of Gender and Culture on the Roles and Responsibilities of Women

Frances Henry (Canada), Patricia Taboada (Bolivia-US),
Katherine Vammen (Nicaragua), Tomás Bazán (Panama), Nicole Bernex (Peru).

6. Gender as a Component in Energy Planning

3. Energy, Water and Gender: Case Study of Peru and the Andes Region



http://www.ianas.org/books/books_2016/book_energy_web.pdf

- This chapter on Women, Energy and Water focuses on women and their capacity **to access, use and control water and energy resources**.

- Includes an analysis of how energy and water availability is one of the main limitations on social and economic development and the **importance of involving women in future management and planning for improving energy planning**.

- "We hope to demonstrate that women, particularly those in developing countries and those who are described as 'underserved' with respect to energy and water are, in many instances, the primary users of these resources yet they have **little control over their management or their development.** It will also be shown that the heavy burdens imposed on women to manage, and in some instances even find these resources, **severely limits their ability to access education and generally to improve their lives and that of their families."**

Gender Composition
Faculty of Science, Tecnology and Environment
University of Central America (UCA)
Managua, Nicaragua

Students

	F	M
Architecture	203	96
Graphic Design	269	172
Subtotal Archi / Graphic Design	**472**	**268**
Engineering		
Environmental Ing	23	17
Environmal Quality Ing	75	43
Civil	124	217
Industrial	347	422
Networks and Telecomunication	14	47
Systems of Information	32	103
Combination Telecomunication and Info Systems	68	168
Subtotal Engineering	**683**	**1017**
	1155	**1285**

Profesors

	F	M
Permanent Staff	8	18
Courses	55	93