

TERMS OF REFERENCE

Intern Basins of the Future

IWA's vision is a world in which water is wisely managed to satisfy the needs of human activities and ecosystems in an equitable and sustainable way. We inspire change by servicing IWA members, the community of water professionals and opinion leaders; and by being the global source of knowledge, experience and leadership for sustainable urban and basin-related water solutions.

IWA is a worldwide network for water professionals and companies, with a membership comprising leading companies in the fields of water services, infrastructure engineering and consulting as well as more than 10,000 individuals. The IWA network is structured to promote multi-level collaboration among its diverse membership groups, and to share the benefit of knowledge on water science, technology and management worldwide.

Each year IWA organises and sponsors over 40 specialised conferences and seminars on a wide variety of topics in water management in locations worldwide. IWA publishes 12 scientific journals and 40+ books per year on water management. IWA develops leading edge innovations and synthesises these through the work of the 49 IWA Specialist Groups and a set of global programmes focused on for example Cities of the Future, Water, Energy and Climate Change and Basins of the Future. IWA has a worldwide staff of approximately 70, with headquarters in London and offices in The Hague (Netherlands), Bucharest, Bangkok, Beijing and Nairobi.

Under the general supervision of the Programmes Manager, the intern is expected to:

1. Support the further development of the Basins of the Future programme, linking to other IWA programmes and member activities, as well providing inputs into future developments;
2. Support communications to promote the Basins of the Future programme and relevant projects;
3. Support daily implementation of projects within the Basins of the Future Programme;
4. Administration and Management Support.

The intern will carry out the following tasks:

- 1. Support the further development of the Basins of the Future programme, linking to other IWA programmes and member activities, as well providing inputs into future developments.**
 - a. Develop series of case studies on cities and their catchment areas which will support the Principles for Water Wise Cities and the Basin Action Agenda
 - b. Provide background research and support to ongoing proposal development
- 2. Support communications to promote the Basins of the Future programme and relevant projects**
 - a. Update IWA Basins of the Future programme and project websites
 - b. Support coordination of the development of communications products including IWA blogs, magazine articles, and updates through a variety of social media (Twitter, Facebook, LinkedIn, etc.)
 - c. Support maintenance and updating of the Nexus Reference Library by assisting in the review and analysis of tools and case studies currently in use to support optimisation of multi-purpose water infrastructure for energy, food, cities, industries and ecosystems.

- d. Support the Basins of the Future on logistics, communication and technical design as required
- e. Provide support to Basins of the Future programme workshops and seminars at key events as needed

3. Support daily implementation of projects within the Basins of the Future Programme

- a. [Flood and Drought Management Tools \(FDMT\)](#) - Developing tools to support planning from the transboundary basin to water utility level by including better information on floods and droughts.
- b. [Preparing for Extreme And Rare events in coastal regions \(PEARL\)](#) - developing more sustainable risk management solutions for coastal communities focusing on present and projected extreme hydro-meteorological events.
- c. [SPACE-O](#) integrates state-of-the-art Earth Observations and in-situ monitoring with advanced hydrological, water quality models and ICT tools, into a powerful decision support system.

4. Administration and Management Support

- a. Carry out administrative duties required to function within IWA;
- b. Develop and use work plans to guide work and deliver results in IWA;
- c. Support the IWA Management in establishing a well-functioning organisation;
- d. Contribute to the team spirit and excellent ambiance in the IWA Secretariat and in working with partners.

Key Selection Areas:

ESSENTIAL:

- University level education in a relevant discipline (civil engineering, environmental engineering, water resources management, environment/water policy);
- Ability to communicate and write effectively in English including ability to undertake research and synthesize information into summary reports and for database entry;
- Adept in use of MS Office, particularly Excel and Word and database software;
- Experience in updating and maintaining content on websites;
- Ability to work effectively in a team environment and to take initiative;
- Organisational and time management skills with a proven ability to manage competing priorities monitor and coordinate administrative processes and information flows to meet deadlines;
- Well-developed verbal communication and interpersonal skills, including demonstrated ability to communicate with people from a variety of cultural backgrounds;
- Eligible to work in the Netherlands.

DESIRABLE:

- Relevant experience in similar support functions, preferably in an international environment.
- Experience in the preparation of documents/publications and/or academic research;
- Knowledge of water management issues such as water-energy-food nexus issues, water quality, floods and droughts management, mining and agriculture
- Knowledge of other languages (French, Spanish, Portuguese, for example);
- International experience;
- Master's degree.

The above internship proposal describes the main deliverables for this professional development opportunity. IWA is a flexible organisation that expects flexibility from their collaborators – as well as, willingness to undertake other tasks and missions that are reasonably allocated to them but which are not part of their regular duties.

Work percentage: 100% - 40 hours a week

Start date: 1st April 2017

Duration: 6 months

Duty station: IWA Global Operations, The Hague, Netherlands

Reporting to: Programme Manager

OUTCOME:

IWA would like the intern to deliver a final presentation report about the Internship experience in a form of a brief report and/or presentation to the IWA staff. We consider this to be a unique opportunity to start your career in the global water management world.

Legibility for Internships:

Residence Permit for the Netherlands.

IWA endeavors to recruit interns on the widest geographical basis however IWA is unable to assist in the visa applications process.

How to apply:

Applicants are asked to submit their CV **in English** along with a supporting letter of motivation with the names and contact details of at least 2 referees.

Applications should be submitted by e-mail before **15th March 2017** to:
IWA Human Resources - Mrs. Thais Gonçalves: recruitment@iwahq.org.

Please note that if you have a sponsor, grant or scholarship to support this internship, please inform us in the supporting letter of motivation.

Incomplete applications will not be considered.

IWA is an equal opportunity employer.

ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED