



UNITED NATIONS
UNIVERSITY

**INTERNATIONAL RECRUITMENT
Dresden, Germany**

**VACANCY ANNOUNCEMENT
(Re-advertised)**

**CONTENT DEVELOPMENT CONSULTANT (HOME BASED)
For Postgraduate Level E-learning course on Sustainable Waste
Water Treatment/Management Options for Developing Countries
(Consultant Contract - CTC)**

Organizational Unit : United Nations University - Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)

Reference Number : 2014/UNU/FLORES/CTC/CDC/WWT/04

Applications to : hrflores@unu.edu

Closing Date : 16 February 2014

United Nations University Objectives:

The UNU is an international community of scholars engaged in research, postgraduate training and the dissemination of knowledge in furtherance of the purposes and principles of the United Nations, its Peoples and Member States. The University functions as a think tank for the United Nations system, contributes to capacity building, particularly in developing countries, and serves as a platform for new and innovative ideas and dialogue. For more information please visit <http://unu.edu>.

United Nations University - Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES):

The mission of UNU-FLORES is to contribute to the development of integrated and sustainable management strategies for the use of water, soil and waste resources in particular in developing and emerging countries in scientific, educational, managerial, technological and institutional terms. Potential issues of focus include: urban water management, nutrient cycles and budgets, methods for reclamation and rehabilitation of degraded sites, site-specific river-basin scale water management; interaction of land use management and water inventory under differing climate conditions, efficient site-adapted waste management strategies, among others. The Institute will develop innovative concepts for target- and region-specific knowledge transfer as well as appropriate methodologies and approaches for postgraduate and professional education. The Institute is located in Dresden, Federal Republic of Germany. For more information please visit <http://flores.unu.edu>.

E-Learning Course on Sustainable Waste Water Treatment/Management Options for Developing Countries:

The online course “sustainable waste water treatment/management options for developing countries” is being developed by UNU-FLORES with the goal of enhancing the capacities and knowledge of course participants to understand, critically analyze and apply key concepts in sustainable waste water treatment/management related to the design, implementation and evaluation of waste water management projects. In keeping with the mandate of UNU-FLORES the e-learning course will also elaborate upon the nexus between solid waste and other environmental resources such as water and soils. The e-learning course will be targeted at policy makers, natural resource managers and development practitioners from government, non-governmental organizations, think tanks and universities in developing and emerging countries.

Using state of the art online learning software and platforms, the course will combine self-learning, assessments, exercises and online discussions. The online pedagogy adapted specifically for professionals engaged in full-time employment will encourage participants to critically analyze key concepts and apply theoretical insights to real life case studies. The course will be delivered annually by UNU-FLORES in partnership with think tanks and knowledge institutes in Asia, Africa and South America. The course may consist of the following potential modules:

- Introduction to waste water treatment/management: a snapshot of the current status
- Lessons learned from countries that have implemented sustainable solutions to solve waste water issues
- Waste water management issues and challenges specific to developing countries
- Developing a sustainable waste water management plan
- Potential issues and challenges during implementation
- Long-term maintenance and improvement

The duration of the course will be twelve (12) weeks. The course material should be spread out for twelve- (12) week duration in an appropriate way.

Responsibilities:

The main objective of the position is to develop content for the e-learning curriculum. The consultant will submit the curriculum to UNU-FLORES which will consist of lectures notes supported by: [a] abstract, [b] key words, [c] references, [d] tables/figures/graphs/video links, [e] tutorials with solutions, and [f] homework assignments with solutions for each module. All course modules (including tutorials) and homework assignments will include written notes, PowerPoint slides, and recorded/taped oral presentations. In addition, three sets of mid-term examinations and three sets of final examinations should be provided in written form with worked solutions.

Under the authority of the Director of UNU-FLORES and direct supervision of the UNU-FLORES Academic Officer – Waste Management, the successful candidate shall carry out the following specific tasks:

- Review the proposed curriculum outline (including learning objectives and content for the assigned modules) and suggest any changes which may improve the course. Prepare a one page outline of the e-learning course that describes section titles, sub-section topics, case studies and tentative key applications of the course for participants;
- Develop course outline detailing course learning objectives, didactic approach, planned exercises, assessment methods and key milestones (and associated outputs);
- Identify and review relevant literature and prepare content for the assigned modules that covers topics in the pre-approved curriculum outline;
- Compile a depository of reference material that are cited in the lecture notes;

- Identify key words introduced in the lessons for use in the glossary, and provide a brief standard definition;
- Revise and refine material;
- Review the overall quality of the e-learning curriculum content, didactic approach, assessment methods and key milestone (and associated outputs). Suggest changes if deemed essential;
- Respond to reviewers comments and incorporate necessary revisions to the draft document; and
- Perform other tasks assigned by the supervisor within the project.

Required Qualifications and Experience:

- A PhD in an area related to the proposed curriculum. Candidates with a Master's degree and ten (10) years of professional work experience in a related area would also be considered;
- Minimum three (3) years of professional work experience in water services in developing countries. Experience in developing curriculum in envireconomics related subject would be highly desirable;
- Proven research and writing skills as reflected in peer reviewed articles in the area of rural water and sanitation services;
- Strong practical experience in project implementation gained through engagement with international organizations, fund raising and consultancy assignments;
- Proven didactic skills gained through teaching and curriculum development;
- Excellent oral and written communication skills in English are required;
- Ability to work within agreed timelines.

Remuneration:

Remuneration will commensurate with qualification and experience of the successful candidate.

Duration of Contract:

The successful candidate shall work remotely under the Consultant Contract (CTC) for a fixed period of three (3) months for the above-mentioned project. No consultant shall provide services for more than twenty-four (24) months in a thirty-six (36) –month period.

The successful candidate will not hold international civil servant status nor be a “staff member” as defined in the United Nations Staff Rules and Regulations. UNU does not sponsor a working visa for this position.

Applications from suitably qualified woman candidates and those from developing countries are particularly encouraged.

Starting Date: As soon as possible.

Application Procedure:

Interested applicants should submit their applications by email (to hrflores@unu.edu), and must include the following:

- a cover letter setting out how the qualifications and experience match the requirements of the position;
- a curriculum vitae and a completed and signed [UNU Personal History \(P.11\) form](#) downloadable from the [UNU website](#). Please avoid using similar forms provided by other United Nations organizations;
- full contact information of three (3) referees; and
- the subject of email application should be: Last Name_2014/UNU/FLORES/CTC/CDC/WWT/04.