



United Nations
Educational, Scientific and
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pour l'éducation,
la science et la culture

Organisational unit: **UNESCO Windhoek Office**

Ref. 05/015

Duration: **Two months**

Closing date **10 October 2015**

Background:

The International Hydrological Programme (IHP) is UNESCO's Intergovernmental Scientific Cooperative Programme in Hydrology and Water Resources. UNESCO-IHP is the only intergovernmental programme of the UN system devoted to water research, water resources management, and education and capacity building. The section on Groundwater Systems and Settlements (SC/HYD/GSS) provides guidance and support to UNESCO-IHP Member States in the assessment, monitoring and management of groundwater resources globally.

As follow up of the Resolution IC-XX-3 on the International Initiative on Transboundary Aquifer Resources Management adopted by the Intergovernmental Council of UNESCO's International Hydrological Programme (IHP), at its 20th Session held in June 2012, UNESCO-IHP has initiated several case studies on transboundary aquifers. Case studies are aimed at improving the scientific-technical knowledge about transboundary aquifers, and facilitating the joint management of transboundary groundwater resources. More specifically, detailed assessments of the aquifer's hydrogeological characteristics, current utilization, potential threats and management frameworks will be carried out. The Stampriet Transboundary Aquifer System (STAS), shared between Botswana, Namibia and South Africa, has been identified as one of the case studies. The case study is being carried out in the framework of the Project "Groundwater Resources Governance in Transboundary Aquifers". The project is funded by the Swiss Agency for Development and Cooperation (SDC) and executed by UNESCO-IHP in close cooperation with IGRAC (UNESCO's global groundwater centre). In parallel to the Stampriet case study, two other case studies will be executed (Central America and Central Asia).

The current phase 1 of the project runs until the end of 2015. Several regional technical workshops have been organized in the three countries sharing the aquifer. The First stakeholder consultation meeting was held in Johannesburg (29-31 July 2015) aimed at presenting results of the assessment to a broader audience. A Second stakeholder consultation meeting will be organized in Mariental (Namibia) end of November 2015. A final report of the assessment will be prepared by December 2015. In order to facilitate the logistics of the Second stakeholder consultation meeting and finalize the assessment report, UNESCO is recruiting an organization for the assignments presented in the next section.

Description of tasks:

The organization will work under the supervision of the Chief of Section Groundwater Systems and Settlements (SC/HYD/GSS) at UNESCO-IHP Headquarters (Paris) and the UNESCO Science officer in UNESCO's Regional Office (Windhoek). Within the framework of the Stampriet Transboundary Aquifer System (STAS) case study of UNESCO-SDC project "Groundwater Resources Governance in Transboundary Aquifers", the organization will be responsible for the organization of a 2-day stakeholder consultation meeting in Mariental (Namibia) in late November 2015 and a water economic valuation assessment of farms in the Namibian portion of the STAS.

The organization will be responsible for the following tasks and responsibilities:

- 1) Organization of a 2-day stakeholder consultation meeting for 50 participants in Mariental (Namibia) in late November 2015. Tentative dates are 25-26 November 2015. The 2-day meeting package will include:
 - a. Accommodation (including breakfast and dinner) for 2 nights
 - b. Material for registration (badges, agenda, plates for participants)
 - c. Tea/coffee on arrival
 - d. Mid-morning break with refreshments
 - e. Full buffet lunch
 - f. Mid-afternoon break with refreshments
 - g. Iced water in jugs
 - h. Pen and notepad per person
 - i. Use of the conference venue
 - j. Conference room (including screen, projector, and microphone)
 - k. Transportation from Windhoek to the conference venue (only for participants arriving at Windhoek Airport – maximum 20 participants)
 - l. Travel costs for participants coming from Botswana and South Africa by car (maximum 10 participants)
 - m. Communicating and inviting local stakeholders in close collaboration with UNESCO-IHP, UNESCO office in Windhoek, and the Department of Water Affairs.

- 2) Undertake a water economic valuation assessment of farms in the Namibian portion of the STAS in close collaboration with UNESCO-IHP, UNESCO office in Windhoek and the Department of Water Affairs. The assessment should provide information on:
 - a. Land and water use,
 - b. Farms gross income (including major features of farming systems such as use of production and predominant markets),
 - c. Farms ownership,
 - d. Number of people in households,
 - e. Employment in Farms,
 - f. Carrying capacity of Farms,
 - g. Crops grown in irrigation farms (including major crop types and area, irrigation method, type of fertilizer, production and selling costs)
 - h. Livestock farming practices (including feed source, number of large and small stock, production and selling costs)

Deliverables:

The consultant will submit the following deliverables to the chief of section of Groundwater Systems and Settlements (SC/HYD/GSS):

- 1) work-plan of the organization of a 2-day stakeholder consultation meeting – 15 October 2015
- 2) work-plan of the water economic valuation assessment of farms in the Namibian portion of the STAS – 15 October 2015
- 3) Final report of the water economic valuation assessment of farms in the Namibian portion of the STAS – 6 November 2015
- 4) Final report of the 2-day stakeholder consultation meeting - 4 December 2015

Contact:

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