



SAPIENZA
UNIVERSITÀ DI ROMA



Conservation and equitable use of biological diversity in the SADC region – AID9695

CUP: B82114004410005

**Call for Application
Service contract on
Land use, land use change and forestry assessment in
Kruger Park
(COD: LU-2-2021)**

<i>Title</i>	Land Use, Land Use Changes and Forestry Assessment (LULUCFA) in Kruger Park
<i>Duty Station</i>	The activities can be carried out remotely
<i>Starting date</i>	ASAP
<i>Duration</i>	Until 30 th of June 2021
<i>Apply to</i>	email: info@secosud2project.com with subject: LU-2-2021
<i>Deadline for application</i>	15th of March 2021 –12.00 PM (Maputo time)

BACKGROUND

The Project SECOSUD II (<http://www.secosud2project.com>) is funded by the Italian Agency for Development Cooperation and implemented through the collaboration of Sapienza University of Rome and Eduardo Mondlane University in Maputo with their Biology Department.

SECOSUD II aims to consolidating the capacities of decision-makers responsible for land planning and management of natural resources, as well as promoting their use in support of the harmonization of land management processes at the national, regional and international level. The final objective is to boost biodiversity conservation and sustainable economic development in the SADC region, consistently with the CBD goals and in synergy with those of UNCCD and UNFCCC.

The project works on strengthening the capacity of the scientific network of the SADC Region, particularly the reference centres for ecosystem-based land planning and management, to fill the gap existing between scientific research and governmental institutions in charge of environmental management. This will help research institutions to fulfil their function of science and knowledge development, and also provide the administrative bodies with adequate



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instruments and capacities to address the challenges of environmental conservation and sustainable development.

The **Land use, land use change and forestry assessment (LULUCFA)** component of SECOSUD II intends to build on the results of the “Special Initiatives for Africa” project, funded by the Italian Cooperation and implemented by the “Global Mechanism”, the financial instrument of the UNCCD. This project, completed in September 2016, has produced a decision support tool to evaluate desertification processes in the Limpopo basin by means of primary productivity indicators derived from satellite image processing. In partnership with the Global Mechanism of the UNCCD and the FAO Forest Resources Assessment (FRA), the SECOSUD II project is committed to analyse land use change, as well as forest coverage and density at the national level.

For the assessment of the South African side of the Great Limpopo Trans-frontier Park, the The Project Management Unit (PMU) is now contracting an expert in LULUCFA and aerial imagery analysis to complete the historical forest cover assessment of the Kruger Park. Consequently, the PMU is publishing this vacancy announcement to receive applications from competent and motivated professionals for a local contract within the project framework; with the intent of hiring a LULUCFA expert to oversee the final stages of the historical forest cover assessment and the publication of the scientific results of the assessment.

The activities developed so far by the Project are the following:

- Determine the available historical aerial photos to fully cover the Kruger National Park for four time periods (1940s, 1960s and 1980s, 2018).
- Acquire the necessary aerial images from national authorities.
- Perform a high-resolution scan of the identified aerial images – total of ~7000 images (currently about 90% complete).
- Arrange for the orthorectification of all the scanned aerial images (currently about 50% complete).
- Analyse the orthorectified historical aerial photos to document long-term vegetation changes between 1940s and 2018 in the Kruger National Park - currently in preparation.

DESCRIPTION OF THE EXPECTED ACTIVITIES AND DELIVERABLES

Under the supervision of the Project coordinator, based on the already developed activities, the expert will:

- Complete the high-resolution scan of the identified aerial images.
- Complete the analyses of the orthorectified historical aerial photos to document long-term vegetation changes between 1940s and 2018 in the Kruger National Park.



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- Develop a scientific paper on the findings of the above analyses, following the publication process into a peer reviewed scientific journal.

CONTRACT AND REMUNERATION

The contract, as service provision, will be stipulated locally in Mozambique by the PMU under the UEM Faculty of Sciences and will be subject to local regulations.

The remuneration will be calculated according to education and professional experience of the selected candidate, taking into consideration the parameters and limits defined in art.11, 6 of deliberation n. 220 of 2013 of Italian Ministry of Foreign Affairs and International Cooperation.

APPLICATION MODALITIES

The application must include:

- 1. curriculum of his / her scientific and professional activity, in English;**
- 2. any scientific publications;**
- 3. copy of a valid identity document.**

The deadline for application will be the 15h of March 2020 at 12.00 PM (Maputo Time). The applications received after the deadline will not be considered as valid for the selection procedure. It's recommended not to present an application in case of not fulfilment of the compulsory requirements mentioned in this announcement.

The application should be sent **only by email** to:
info@secosud2project.com, **with the subject:** LU-2-2021

The PMU could use interviews or tests to verify the real competences of the shortlisted candidates.

The PMU of the project has the right to suspend or cancel the recruitment procedure following a decision by the contracting authority (UEM), as well as in case of lack of sufficiently competent candidates or lack of financial coverage for the contracting of the selected candidate. The final classification of this selecting procedure could be used for recruitment of homologous positions with same competences within the project.

SELECTION CRITERIA

The evaluation criteria are determined by the Commission, will be expressed in hundredths and will include, with appropriate weights, the following items:

- Ph.D;



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- Graduation mark;
- Publications and other research products;
- Specialization diplomas and certificates of attendance at post-graduate specialization courses;
- Other qualifications related to the activity carried out as holders of contracts, scholarships and positions in national or international research bodies. The effective date and duration of the activity must be duly certified.
- Interview.

All applications will be treated with the necessary privacy and secrecy by the PMU and evaluation commission.