



## CONCEPT NOTE

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<b>To:</b>	SPREP National Focal Points		
<b>Title:</b>	Launch of the SPREP GIS E-Learning Platform		
<b>Date</b>	Wednesday 18 <sup>th</sup> May 2022		
<b>Location:</b>	<b>Virtual / In-Person</b>	<b>Regional Focal Point</b>	

### 1. Context

Geographic Information System (GIS) is a computer system capable of holding and using data describing places on the earth's surface. It performs these main functions that are related to data; 1, Data acquisition, 2, Data Input; 3, Data Manipulation; 4, Data Management, 5; Data Analysis and Data Output. GIS has five basic components, including people, methods, data, software, and hardware, which allow the computer to perform its GIS functions in an efficient and effective manner.

GIS has important uses in different fields, such as monitoring and decision-making supporting tools in Environmental Impact Analysis (EIA); Disaster Management; Risk Hazard Analysis; Land Cover and Land use analysis; Natural Resources management, conservation planning and many more to ensure sustainable development.

With the different applications of GIS, it is important that users have a good understanding of its basic functions, ask the right questions, and more specifically get the correct solutions to address this. Overall, GIS allows users across the globe to share ideas on how to meet their resource needs, plan efficient land use, and protect the environment to guarantee the survival of future generations.

The tool would assist member countries to learn about the tool being developed by SPREP for GIS capacity development.

### 2. Objectives

1. To launch and raise awareness amongst SPREP members and partners on this new learning tool which will assist member countries improve capacities on the basic functions and components of GIS.
2. Guide participants and potential users on the module details and how to access the modules under the SPREP Moodle platform.



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### 3. Principles

- **Partnership:** Significance of GIS and its applications to environment managers, government counterparts.
- **Collaboration:** Encourage member countries in building capacity for GIS and its applications.
- **Technical Support:** Providing capacity building on the use of GIS through a step-by-step approach.

### 4. Audience

Principally targeted at national environment government staff. Invitations will be made through:

1. EMG/Inform network/BIOPAMA(PIPAP).
2. Invitations featured through SPREP Socials.
3. Circular
4. Media Advisories sent to the two-distribution list.
5. PNEA Practitioners

### 5. Format of Launch

The launch will include remarks from partners and donors and short presentation on the GIS E-Learning platform. The contents of the online platform will inform the application of the GIS tool and its contribution to decision-making.

- Module 1 - Introduction to GIS
- Module 2 – Basics of Quantum Geographic Information Systems (QGIS)
- Module 3 - Symbology and Geo - Visualization
- Module 4 - Creating Maps

### 6. Facilitators

Mr. Jope Davetanivalu	Director EMG - SPREP
Mr. Sefanaia Nawadra	Director General - SPREP
Mr. Mason Smith	Regional Director IUCN Oceania Regional Office (ORO)
Mr. Jinhua Zhang	Regional Office. Asia Pacific, United National Environment Program (UNEP)
Ms. Vani Koroisamanunu	Environmental GIS Specialist (Inform Project – SPREP)
Ms. Kasaqa Tora	Spatial Analysis Specialist Protected Areas (BIOPAMA – SPREP)
Mr. Paul Anderson	Inform Project Manager - SPREP
Mr. Jope Davetanivalu	Director EMG, SPREP
Ms. Lagi Reupena	Inform project officer (MC)



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Speakers	Talking Points
Jope Davetanivalu	Welcome and Opening Prayer
Sefanaia Nawadra	Remarks by DG SPREP - The development of GIS and Remote Sensing at the Secretariat and the benefits and support it provided to members countries
Mason Smith	Remarks by IUCN's Regional Director for Oceania (ORO) Importance of GIS on long-term environmental monitoring and management
Jinhua Zhang	Regional context to the GIS development and application in the Pacific
Kasaqa Tora	Introduction to the E-learning platform
Vani Koroisamanunu	Tour of the E-learning platform
Paul Anderson	Summary and closing remarks

## 7. Delivery Mode

The launch will be recorded and donors, partners from countries and viewers will join virtually through Zoom while hosted by SPREP. The recording will be made available through the SPREP YouTube channel after the event.

## 8. Expectation

1. All participants to have a basic understanding of Moodle and how to access it and be able to raise awareness about the online GIS course.
2. Viewers will be able to find and access the GIS course link and use the tool to produce basic maps.

## 9. Modality

Hosted by SPREP using Zoom. Invitations will be sent to participants to download the free Zoom client before the meeting starts. All participants are requested to MUTE their microphone unless speaking. [Zoom Link to Launch](#)

## 3. Event Date & Time

Wednesday 18 May 2022 -02 – 2:40 pm Apia Time, Limited to 40 minutes

## 4. Agenda

Time	Activity	Presenter
2:00 – 2:05	Welcome and Opening Prayer	Mr. Jope Davetanivalu, Director Environment Monitoring and Governance (EMG) SPREP
2:05 – 2:15	The development of the GIS/RS platform and the benefits and support provided to member countries	Mr. Sefanaia Nawadra, Director General, SPREP
2:15 – 2:25	Remarks from Partners & Donors	<ul style="list-style-type: none"><li>• Mr. Jinhua Zhang Asia &amp; Pacific Regional Office UN Environment</li><li>• Mr. Mason Smith IUCN ORO /BI-OPAMA</li></ul>

PO Box 240, Apia, Samoa T +685 21929 F +685 20231 [sprep@sprep.org](mailto:sprep@sprep.org) [www.sprep.org](http://www.sprep.org)

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2:25 – 2:35	Overview of the GIS E-Learning platform  Tour of the GIS E-Learning platform	<ul style="list-style-type: none"><li>• Ms. Kasaqa Tora, - Spatial Analysis Specialist Protected Areas (BI-OPAMA)</li><li>• Ms. Vani Koroisamanunu, Inform - Environment GIS Specialist (IN-FORM)</li></ul>
2:35 – 2.40	Summary and Closing Remarks	Mr. Paul Anderson, Inform Project Manager