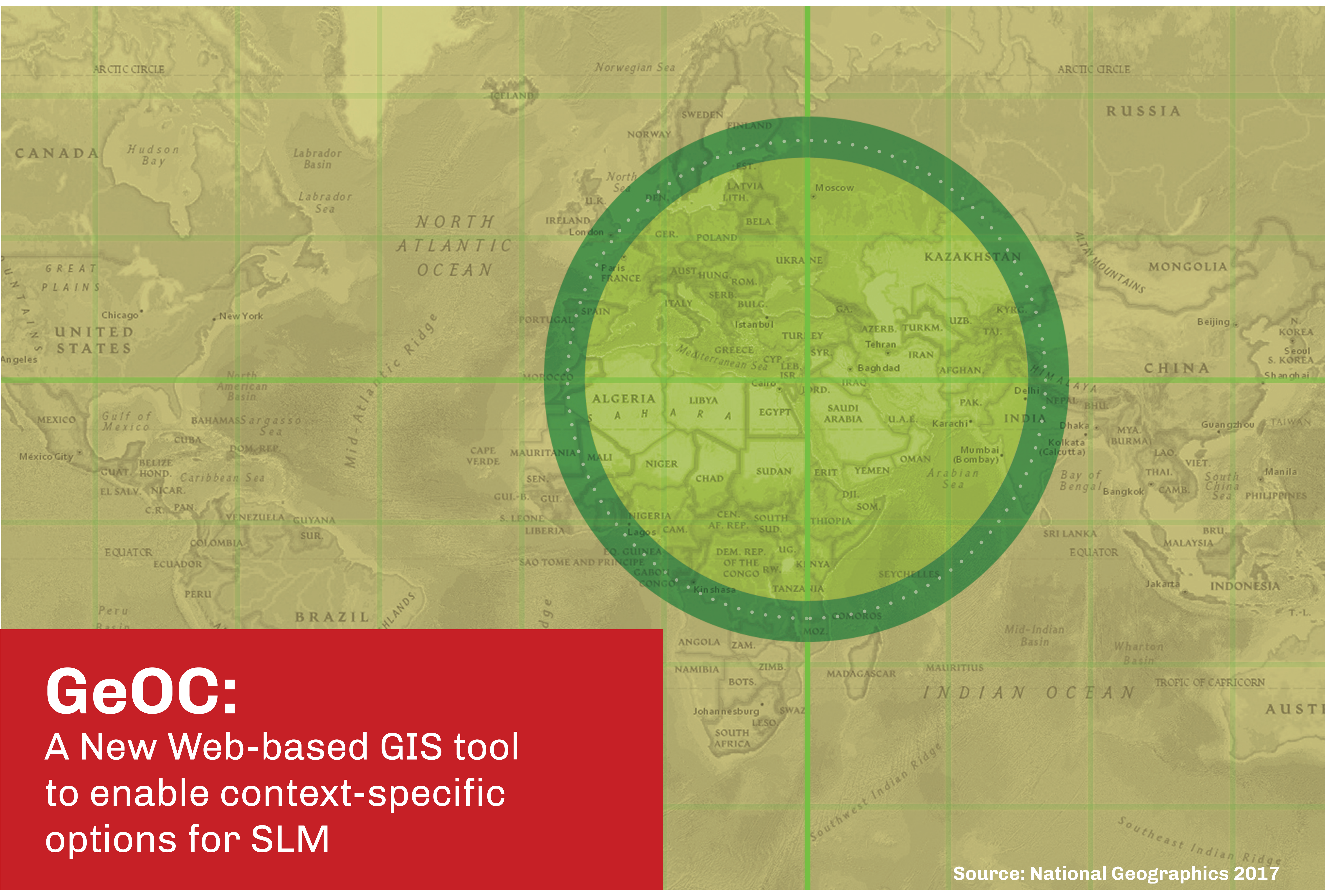
GeOC™

System-based Options by Context

A tool for better investment decisions
in agriculture and rural development


ARCTIC CIRCLE
Norwegian Sea
ICELAND
CANADA
Hudson Bay
Labrador Basin
Labrador Sea
NORTH ATLANTIC OCEAN
GREAT PLAINS
Chicago
New York
UNITED STATES
Angeles
Mid-Atlantic Ridge
North American Basin
MEXICO
Gulf of Mexico
BAHAMAS
Sargasso Sea
México City
CUBA
DOM. REP.
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Peru Basin
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North Sea
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INDIA
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Kolkata (Calcutta)
MYA. (BURMA)
Guangzhou
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Mumbai (Bombay)
Arabian Sea
Bay of Bengal
LAO.
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THAI.
Bangkok
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South China Sea
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SRI LANKA
EQUATOR
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MALAYSIA
Jakarta
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ZIMB.
BOTS.
MADAGASCAR
MAURITIUS
Johannesburg
SWAZ.
LESO.
SOUTH AFRICA
Mid-Indian Basin
Wharton Basin
INDIAN OCEAN
TROPIC OF CAPRICORN
AUSTRALIA
Southwest Indian Ridge
Southeast Indian Ridge

GeOC:

A New Web-based GIS tool to enable context-specific options for SLM

Source: National Geographics 2017

WHAT IS GeOC?

The Global Geo-informatics Options by Context (GeOC) is a new web-based GIS tool that enables its users to define, monitor, assess and co-create knowledge and learning on relevant SLM options that match the socio-ecological context at global, regional and national scales.

ICARDA is developing the Global Geo-informatics Options by Context (GeOC) tool in collaboration with scientists and development partners to ensure it is relevant to the needs of multiple stakeholders in SLM.

WHY TUNISIA?

- A dryland country facing a high risk of land degradation over more than 50% of its territory.
- A strong national commitment to Land and Water Conservation (LWC), with a National LWC Framework, two national LWC strategies established from 1990, and a ministry-level unit specialized in LWC.
- LWC practices implemented throughout the country over years now are in need of impact assessment to improve policies promoting SLM, and offer learning cases for international community of practices in SLM.

T. Hermassi, W. Ben Khelifa, 2016

Impact Evaluation of SLM Options to Achieve Land Degradation Neutrality

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Project: http://mel.cgiar.org/projects/slmoxc

ICARDA Science for Better Livelihoods in Dry Areas

CGIAR RESEARCH PROGRAM ON Water, Land and Ecosystems

Institut des Régions Arides

CodeObia

IRESA Institution de la Recherche et de l'Enseignement Supérieur Agricoles

CGIAR RESEARCH PROGRAM ON Dryland Systems

INRGREF

iMMAP

Federal Ministry for Economic Cooperation and Development