SERVIR

an Overview

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**Myanmar Spatial Data Platform
Conference, May 16-18, 2016**

A flagship NASA-USAID partnership to improve environmental management and resilience to climate change by strengthening the capacity of governments and other key stakeholders to integrate Earth observation information and geospatial technologies into development decision-making
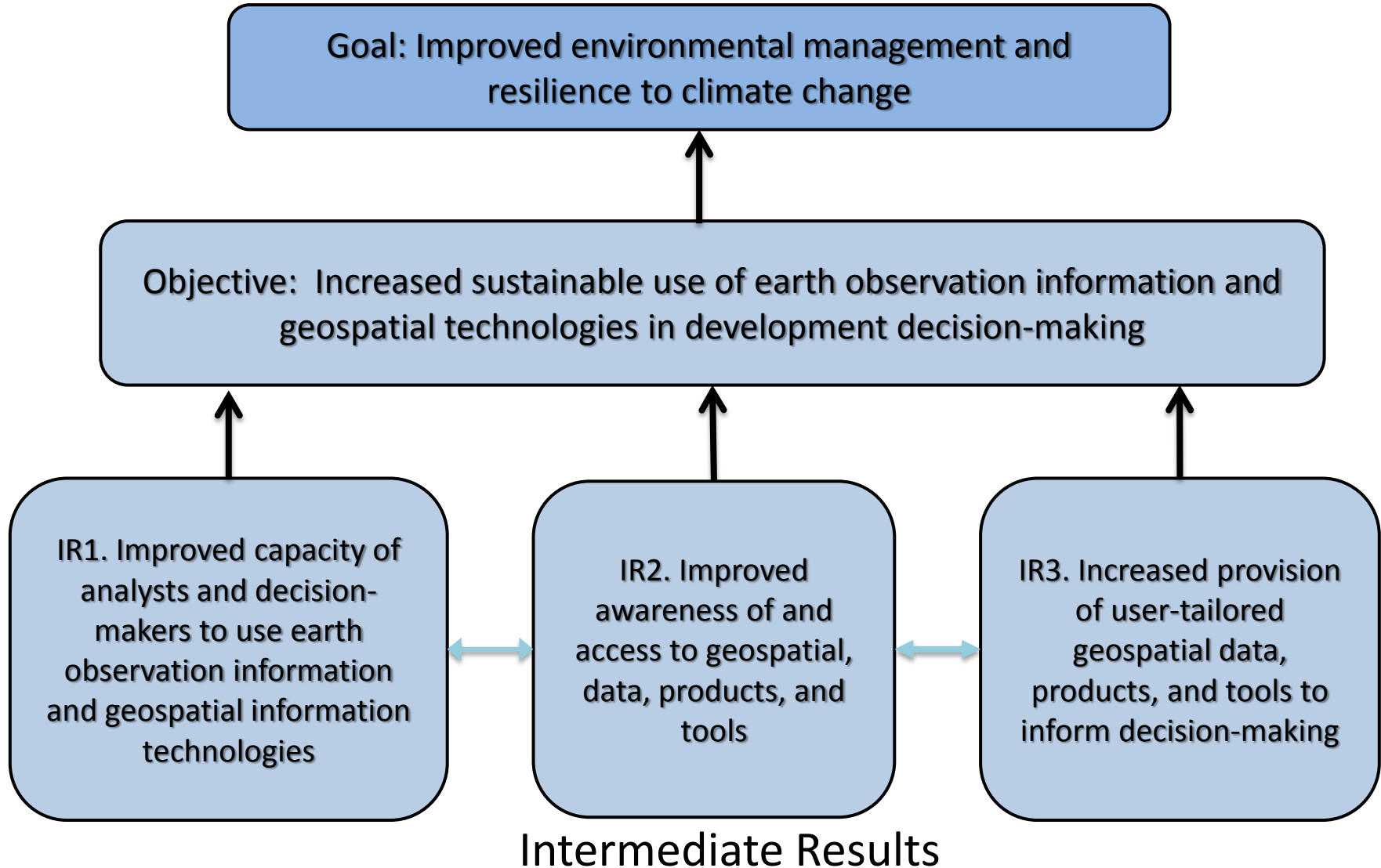
SCO NASA

HKH

West Africa

Mesoamerica

East Africa

Lower Mekong

SERVIR

SERVIR Results Framework

Goal: Improved environmental management and resilience to climate change

Objective: Increased sustainable use of earth observation information and geospatial technologies in development decision-making

IR1. Improved capacity of analysts and decision-makers to use earth observation information and geospatial information technologies

IR2. Improved awareness of and access to geospatial, data, products, and tools

IR3. Increased provision of user-tailored geospatial data, products, and tools to inform decision-making

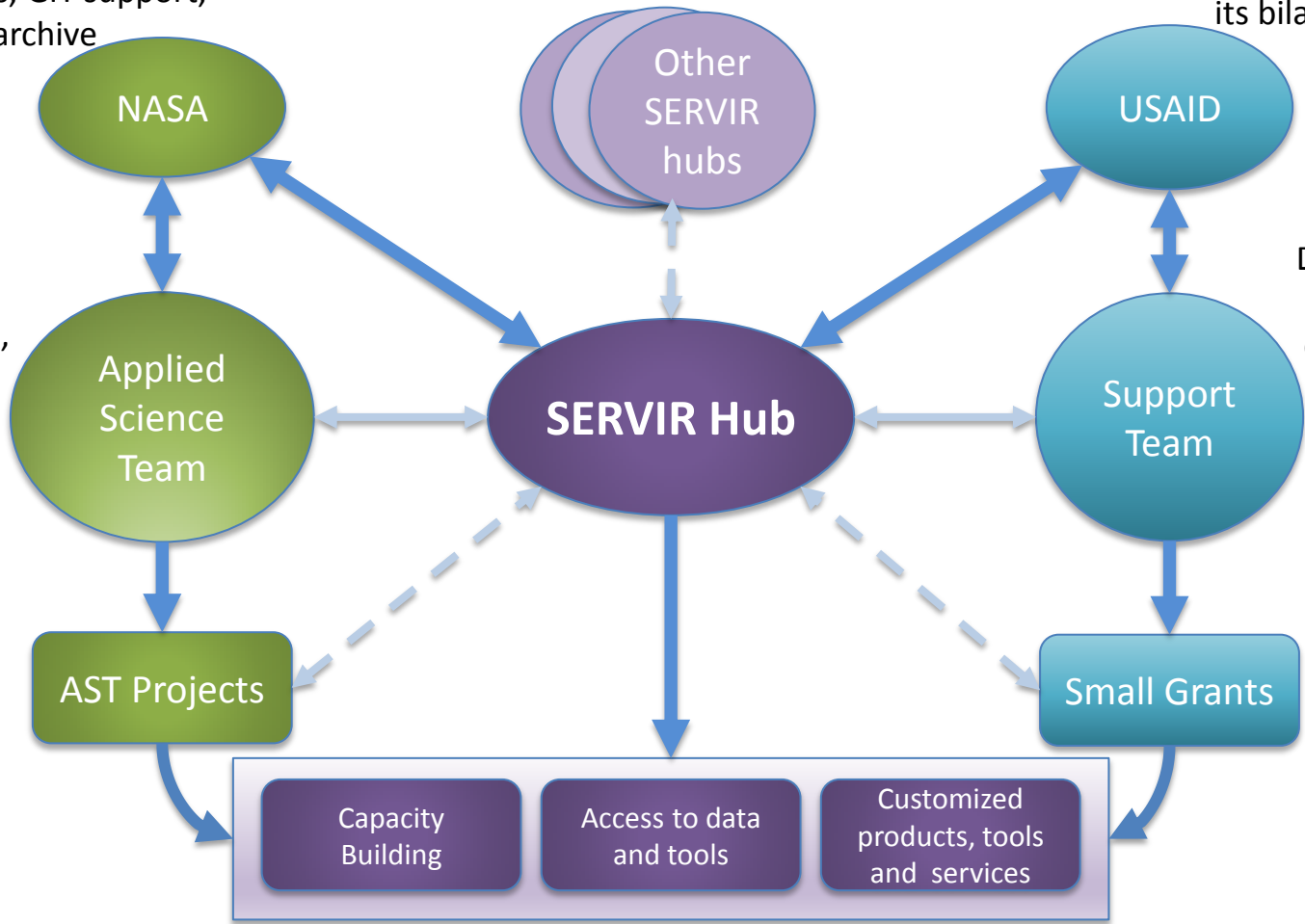Intermediate Results

Operational Arrangement

Technical backstopping, connect to scientific communities, access to data and methods, GIT support, Global data archive

Exchange technical knowledge, joint product development

Funding, procuring, and managing SERVIR hubs; leverage global development mandate; coordinate among its bilateral and regional missions

Joint research, product co-development, training

Develop tools and provide training on hub functions, facilitate hub exchange, maintain global web site

NASA

Other SERVIR hubs

USAID

Applied Science Team

SERVIR Hub

Support Team

AST Projects

Small Grants

Capacity Building

Access to data and tools

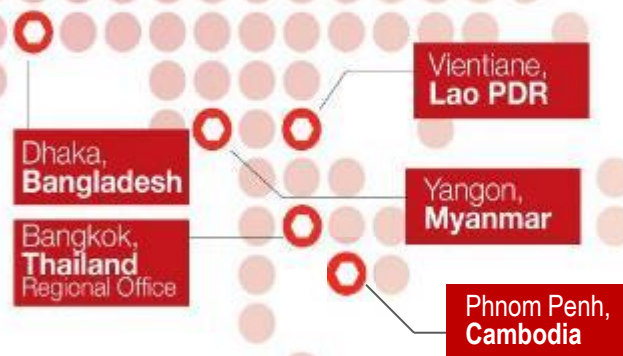Customized products, tools and services

Hindu Kush-Himalaya Region

Lower Mekong Region

Safer communities and sustainable development through DRR

- Bangkok, **Thailand**
- Dhaka, **Bangladesh**
- Vientiane, **Lao PDR**
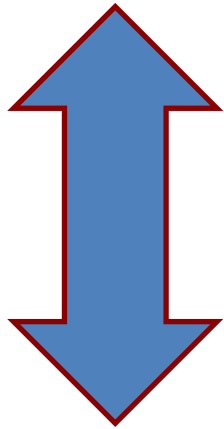- Yangon, **Myanmar**
- Phnom Penh, **Cambodia**

Dhaka,
Bangladesh

Bangkok,
Thailand
Regional Office

Vientiane,
Lao PDR

Yangon,
Myanmar

Phnom Penh,
Cambodia

Regional Needs and Outcomes

Request for Technical Assistance

Needs Assessment

National Opportunities
Laos, Burma, Cambodia, Vietnam, Thailand

Website, products and services
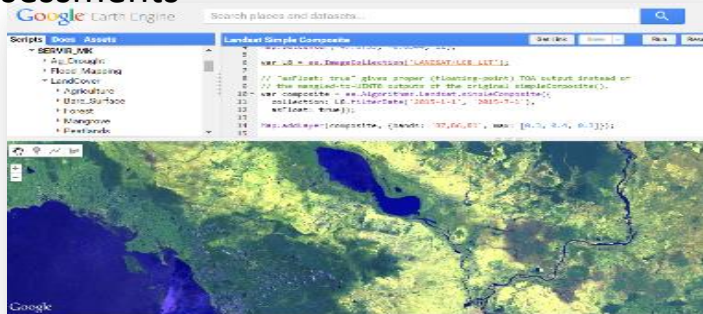

Knowledge Products   Geoportal

Geospatial Tools and Applications
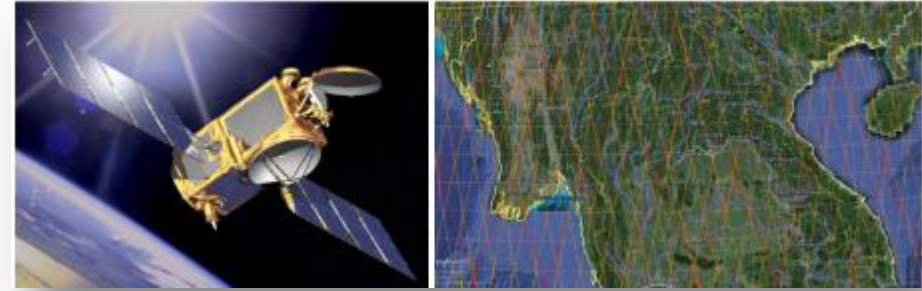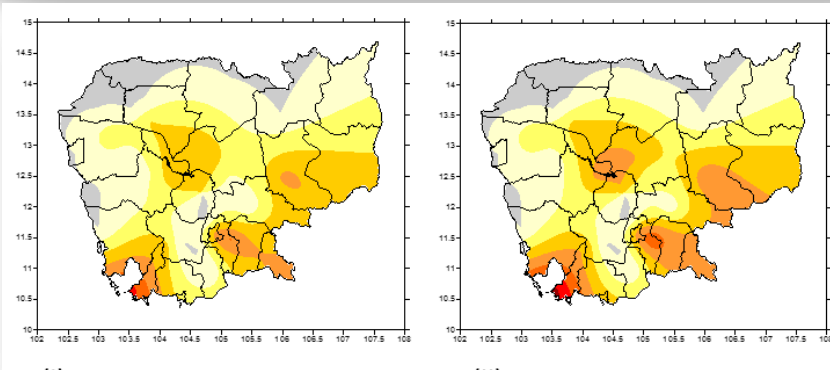
Regional Drought Information System: supports drought monitoring, analysis and forecasting for planning and responding to droughts, impact assessments


Regional Land Cover Monitoring System: supports land use planning, tracking economic land concessions, EIAs, ecosystem services analysis, GHG reporting, and CCA strategies

Virtual Rain & Stream Gauge Information Service: Enhanced hydro-meteorological data service for flood forecasting, water resource management, payments for ecosystem services

Surface Water Mapping: for fisheries habitat, flood risk assessment, emergency response planning, near real-time surface water mapping
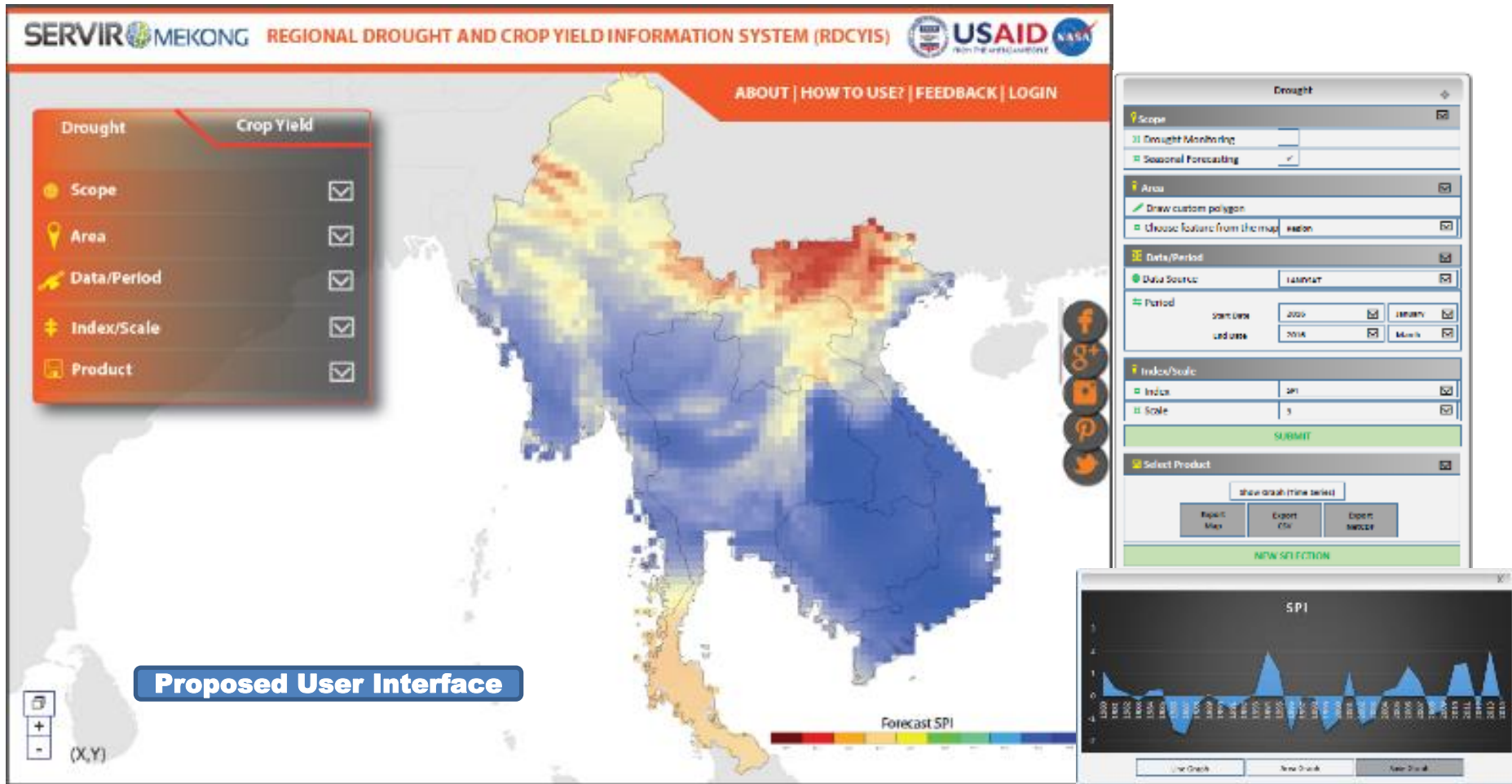
Regional Drought & Crop Yield IS
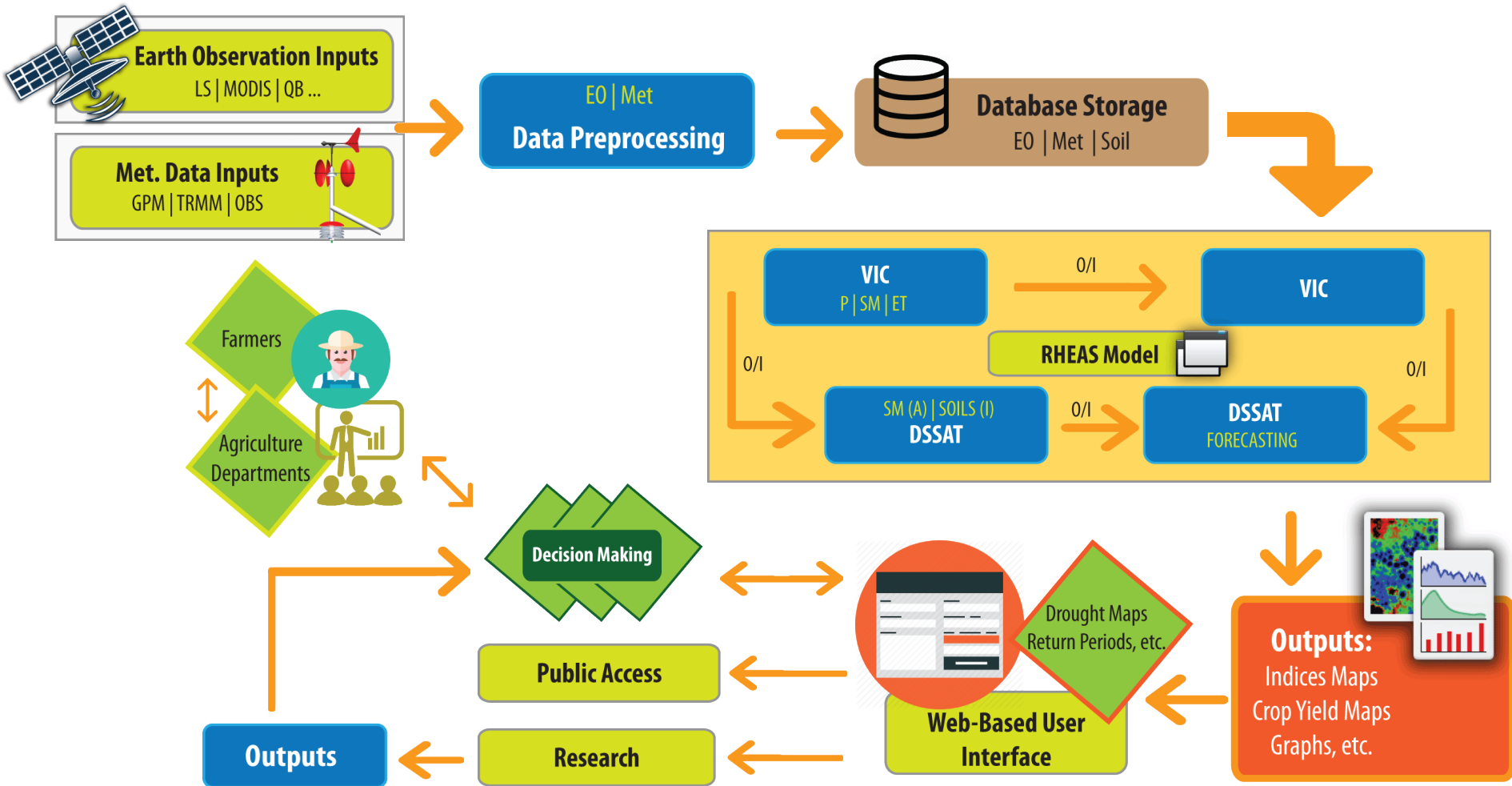
Regional Drought & Crop Yield IS

Proposed User Interface

Synergies with One Map Myanmar

One Map Myanmar Outcomes and Outputs	SERVIR Intermediate Results
Outcome 1: The quality, accuracy, public availability and utility of key spatial data sets has improved, with improved cross-sectoral data integration.	IR 2: Increased awareness of stakeholders of geospatial data, tools, knowledge products, and services Sub-IR 2.2: Access to data analysis platforms enhanced Sub-IR 3.1: Data quality, coverage, and relevance improved
Outcome 2: Capacity for generating, verifying and analyzing information has improved, including the means to ensure participation of local communities and non-government stakeholders in data verification.	IR 1: Improved capacity of institutions to use earth observation information and geospatial information technologies
Outcome 3: Analysis of inter-sectoral information and knowledge products provide clear evidences for land governance and development planning decisions.	IR 3: Increased provision of user-tailored geospatial data, products, and tools to inform decision making Sub-IR 3.2: Tools, models, and applications co-developed Sub-IR 1.2: Science policy exchanges enhanced