The International Research Institute for Climate and Society

World Climate Conference-3: Capacity-building, Education and Training Forum

Capacity-building Lessons Learned from Latin America

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Successful Capacity Building in LAC

Four Characteristics

1. Capacity Building is Demanded

2. Relevant Information, Tools, Products Required to Build the Capacity are Available

3. Capacities are Developed in an Existing Chain of Information

4. Improvements of the Capacities can be Demonstrated with Improved Actions

1. Capacity Building is Demanded

Traditional Climate Change Scenarios:

- Far in the Future (+50 years)
- Large Uncertainty at Local Level
- Good for Awareness but Difficult for Action

Adaptation to Current Climate Risks:

- Improve Adaptation Today, Reduce Future Vulnerability
- Current Climate Variability, Extremes
- "Near-Term" Climate Change (10-30 years)

When this Works New Demands are Created

2. Relevant Information, Tools, Products Required to Build the Capacity are Available

Historic Records (Past)
Good Monitoring (Present)
Relevant Forecasts/Scenarios (Future)

Build Capacity to "Translate" Climate into:

- Tangible Information for the Sectors
- Actionable Information

(e.g., Climate Forecasts vs. Yields, Streamflow, Outbreaks)

"Translation" of Climate:

Information and Decision Support Systems

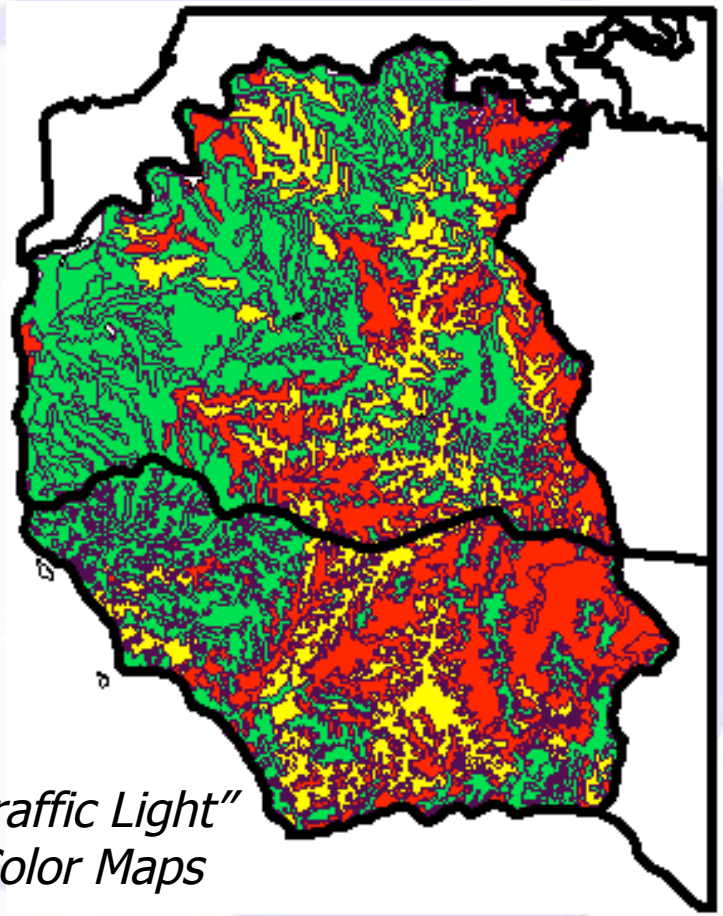
CLIMATE (Days, Seasons, Decades)

REMOTE SENSING

SECTOR DATABASES

SIMULATION MODELS

GIS



"Traffic Light" Color Maps

State of the Art Science → Understandable, Actionable Products Inform Decisions, Policies

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3. Capacities Developed in the <u>Entire Chain of Information</u>

Existing Experience, Trust, Communication Skills

Example in the Agricultural Sector

Problems: - Skipping Links of the Chain
- Lack of Capacities in some Links

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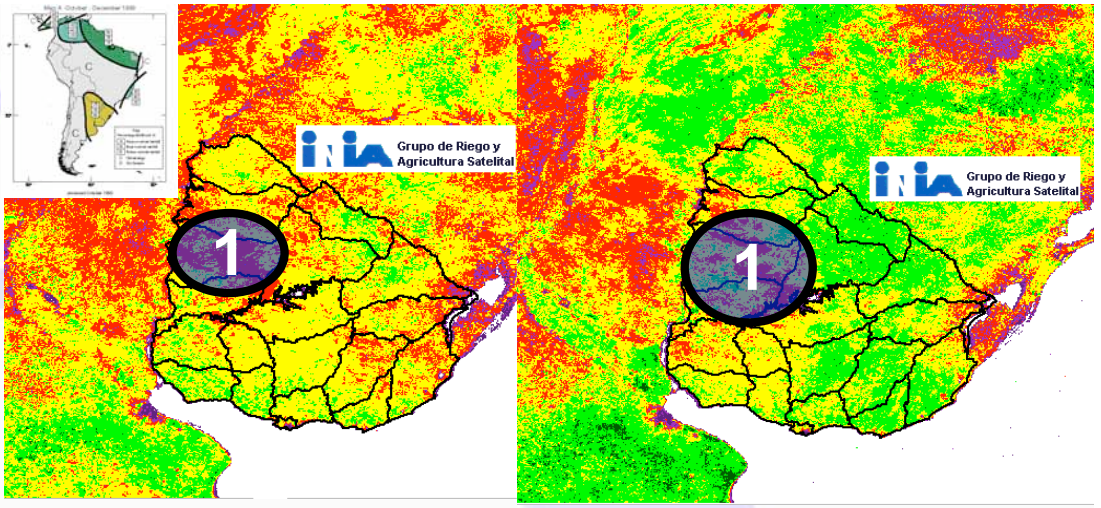
FORECASTS + MONITORING

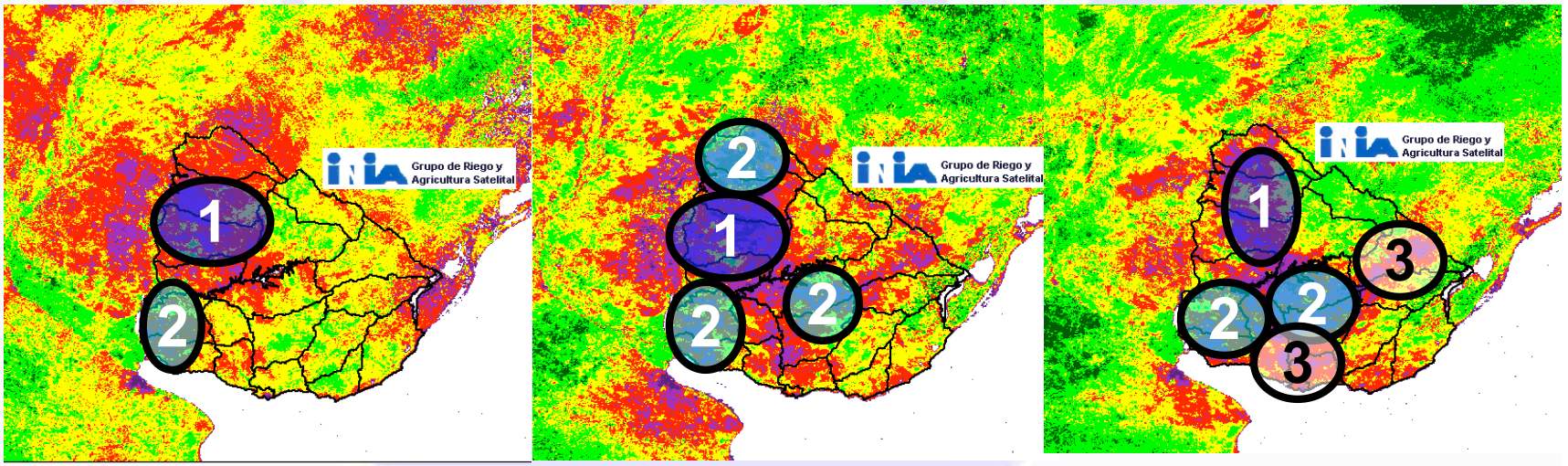
Used the Chain of Info

Worked with INIA and Provided this Information to Ministry of Agriculture and National Emergency System



October November

Prioritization to Respond



December January February

Ing. Juan Notaro, Uruguayan Minister of Agriculture

The results of your work during the recent drought were useful for making both, operational and political decisions.

resources, both financial aid and machines for dams, water

your work provided us with objective information to defend our prioritization of regions, in a moment in which every governor, politician and farmer in the country was asking for aid.

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4. **Improvements of the Capacities can be Demonstrated with Improved Actions**

Thank you…

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