

Turning data into insight for global development

- partnering with the Institute for Environmental Analytics

Summary

At the **Institute for Environmental Analytics (IEA)**, we have a deep understanding of how to turn scientific data into meaningful information that help address real world challenges for the benefit our partners.

- **RE-SAT: Energy analytics platform** – supporting the transition from fossil fuel to renewable energy
 - Weather into power for evidence-based decision making on energy planning
- **RIOS: Resettlement Information and Observing System** – protecting informal settlements from natural hazards
 - Satellite data into warnings to support resettlement into safe areas
- **VIEWPoint** – knowledge sharing and **translation of science** for stakeholders and policymakers in China
 - Scientific outcomes into services and training for climate adaptation and mitigation

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Delivering value from big data

DATA & FUNCTIONALITY

- Climate forecast
- environment (planning and cuts)
- price control (tariff)
- electricity (both RE & fuel)

Riesgo Mitigable Riesgo NO Mitigable

Zona Urbana Jarillón Relenos Nivel desborde Nivel normal

Asentamientos Humanos de Desarrollo Incompleto sobre el Jarillón y El Pondaje

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Partnerships for global development: 9 Dec 2020

Key findings/learning/outcomes

- **In-country commitment**
- **Timing**
- **Building trust**

- **Organisational structure**

- **New perspectives**
- **Knowledge sharing**
- **Further opportunities**

Where?

RE-SAT: Small Islands Developing States (SIDS): Seychelles, Mauritius, St Lucia, Montserrat, Tonga, Palau, Vanuatu

RIOS: Colombia

VIEWPoint: China

Project partners/funders

Funders:

- RE-SAT and RIOS – UKSA IPP GCRF
- VIEWPoint – CSSP-China - Met Office

International project partners:

- RE-SAT: Government departments, utilities companies, energy commission, Met Services
- RIOS: Fondo Adaptacion, ProPacifico (NGO)
- VIEWPoint: Chinese Academy of Science, Institute of Atmospheric Physics

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