

UN GGIM Workshop on
Data Ecosystem for sustainable Development

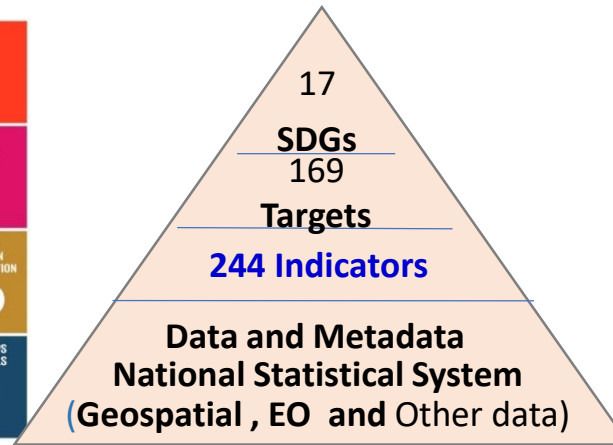
Knowledge-oriented Deqing SDGs Data Hub – Deqing Case Studies

Jun Chen
National Geomatics Center of China,
Ministry of Natural Resources
October 21, 2019, Deqing

Monitoring progress towards UN 2030 SDGs

UN called upon indicator and evidence-based review and monitoring

- with globally agreed indicator framework and by integrating geo-statistical data



Good Practices, Success Stories and Lessons Learned in SDG Implementation

3 Years of Good Practice, Success Stories & Lessons Learned

Three years into the implementation of the 2030 Agenda, many Governments, UN entities, international and regional organizations, Major Groups and other Stakeholders have taken successful actions for the sustainable development goals (SDGs).

Still Many Questions Out There

Where do we stand? Are we on track? What are the inspiring breakthroughs and success stories that are showing results and impacts? What are the good practices that can be replicated and scaled up? What are the gaps and constraints and how should we address them? Looking ahead, what steps should we take to accelerate progress?

Challenges Facing

- **Indicators** – more or less? (definition, localization)
- **Data** – available/ reliable? (geospatial/ EO data)
- **Computing** – geographical angle?
- **Assessment** – translating into actions?

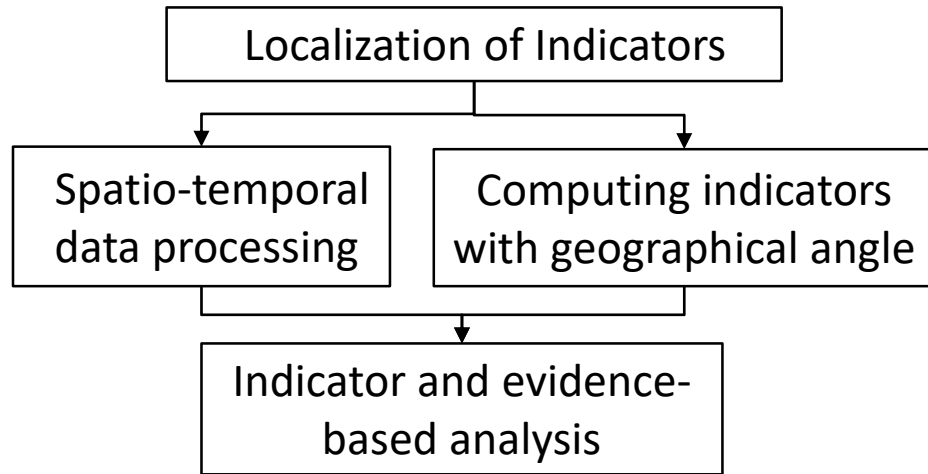
Good practices needed for showcase and discussion

China's Pilot Practice- Deqing Case

Deqing county was selected as a pilot study area in the end of 2017

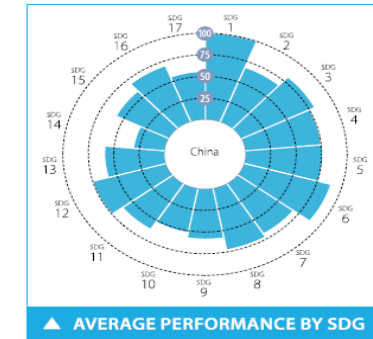
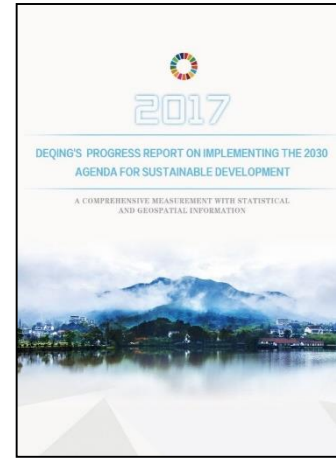
- Its progress towards SDGs was measured with geo-statistical data in 2018 – 2 outputs

(1) A data-driven and evidence-based approach



- How to measure the progress towards 2030 SDGs (如何去量测)?

(2) Deqing's SDGs progress report



- How far is Deqing from 2030 SDGs (德清离2030SDGs有多远)?


Called as China (Deqing) SDGs profile (中国德清样本)

Recognized as One of UN SDGs Best Practices



**Released Officially at UN-WGIC, Nov. 20, 2018,
Deqing, China**

Welcome to the United Nations

 **SUSTAINABLE DEVELOPMENT GOALS**
PARTNERSHIPS PLATFORM

HOME BROWSE COMMITMENTS & PARTNERSHIPS REGISTER SHARE AN UPDATE ACTION NETWORKS ABOUT RESOURCES

SDGs Local Monitoring – China’s Pilot Practice #SDGAction29982

DESCRIPTION OF GOOD PRACTICE SDGS & TARGETS RESOURCES MOBILIZED

Introduction

This practice explored the techniques as to “how can a local community implement the SDGs and what transformation actions can be taken”, which local policy-makers confront when implementing the 2030 Agenda. Taking Deqing County as a pilot area, the practice produced valuable results on SDGs local monitoring, including a data-driven and evidence-supported approach within a geospatial framework, a cooperation network able to focus resources on major tasks, and significant guidance to local development policy-making. It is a proactive response to the United Nations’ call for follow-up and review of the global indicator framework for SDGs at national and local levels.

Objective of the practice

Having drawn important lessons from implementing the Millennium Development Goals (MDGs), the global community recognized the necessity to conduct indicator-based and data-driven measuring and monitoring of SDGs progress at national, regional and global levels. The United Nations has adopted a Global Indicator Framework (GIF) with a set of 234 indicators developed by the Inter-Agency and Expert Group on Sustainable Development Goals Indicators (IAEG-SDGs). The GIF covers all 17 SDGs and 169 targets for the 2030 Agenda, but its implementation, particular at sub-national levels, requires significant resources and the production of timely and reliable data disaggregated by a number of specific characteristics, including by geographic location. Geospatial data and enabling technologies play an instrumental role since many of the indicators and their


BASIC INFORMATION

Start: 01 March, 2017
Completion: 30 November, 2018
Ongoing? yes

REGION

Asia and Pacific

COUNTRIES

 China

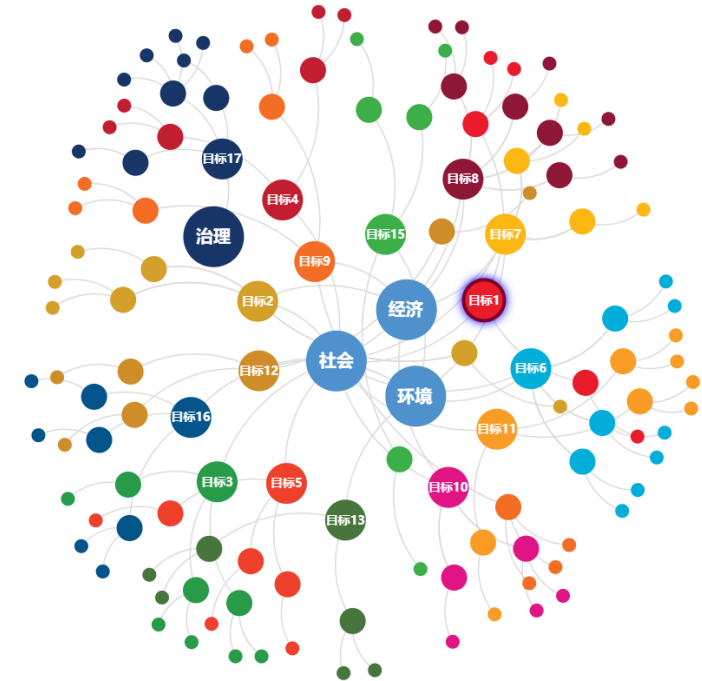
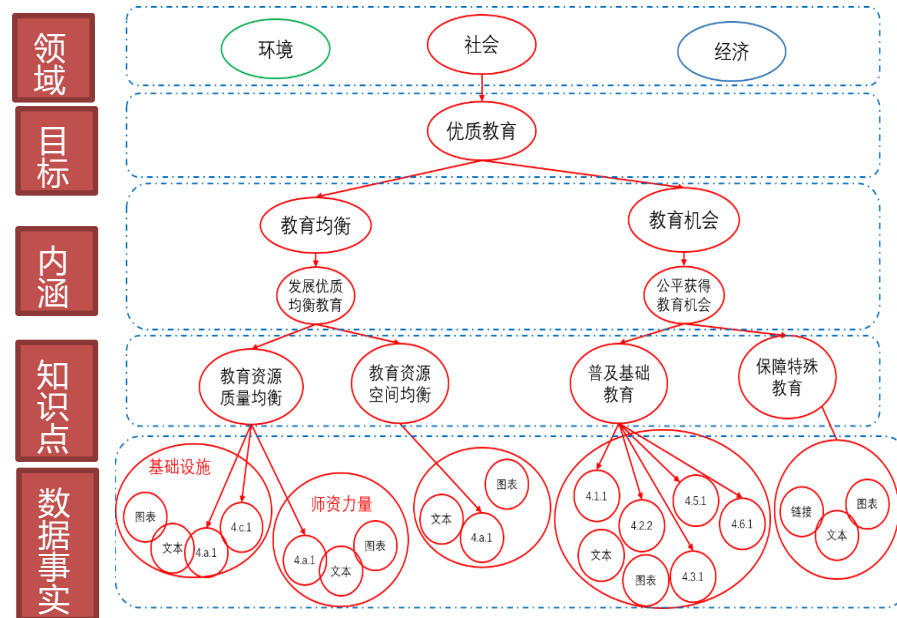
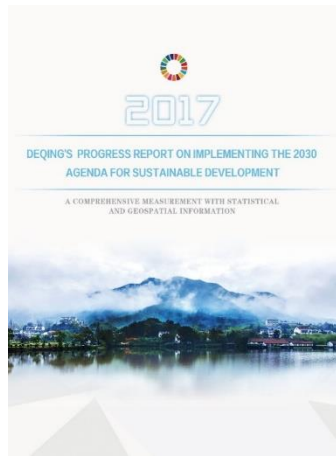
GEOGRAPHICAL COVERAGE

The pilot area is Deqing County, Zhejiang Province, China, with an area of 936 km² and a population of about 440,000. It is featured by “50% mountain, 10% water and 40% farmland”. It is ranked as one of China’s Top-100 Counties.

Listed as best practices in SDGs implementation by UN

Moving from SDGs Profile to Knowledge-oriented Data Hub

A SDGs Knowledge Service System was developed to facilitate the utilization



It has been used by local policy-makers to formulate a transformation programme and Three-Year Action Plan (2019-2021)

This Session's Program

1. From local SDGs Profile to SDGs Knowledge Service: Deqing's Case Study

Mr. Peng Shu, Senior Engineer of National Geomatics Center of China

Co-chair of UN-GGIM AP Working group on integrating geospatial and Statistics

2. From SDGs Monitoring to Decision making- Deqing three year's action plan

Dr. Chen Hao

Associate Professor, Hunan University of Science and Technology

3. The Deqing SDGs Data Hub – a live demonstration

4. Discussions