OpenDRI: An Introduction to Open Data for Environmental Resilience (Free Self-Paced Course)

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30 minutes

This 30 minute course covers the principles of the Open Data for Resilience Initiative.

In 2011, Global Facility for Disaster Reduction and Recovery (GFDRR) launched the Open Data for Resilience Initiative (OpenDRI) to apply the concepts of the global open data movement to the challenges of reducing vulnerability to natural hazards and the impacts of climate change. OpenDRI supports World Bank Regional Disaster Risk Management Teams to build capacity and long-term ownership of open data projects with client countries that are tailored to meet specific needs and goals of stakeholders.

OpenDRI engages with client governments in three main areas.

(1) **Sharing data**: To increase public access to risk information, OpenDRI engages in dialogue with governments on the value of open data through working groups, pilot projects that evolve into long-term locally owned open data projects.

(2) **Collecting Data**: To engage communities in the creation of accurate and timely data about the rapidly evolving urban and rural environments in the place they live, OpenDRI works with governments and local communities to utilize simple, collaborative, crowdsourcing mapping tools such as OpenStreetMap (OSM).

(3) **Using data**: To communicate risk more effectively to decision-makers in planning, preparedness and response activities, OpenDRI works with governments and partners to develop InaSAFE software.

Course Objectives

At the end of this course, you will be able to:

- Explain the mission and benefits of the Open Data of Resilience Initiative
- Identify the technical platforms used to undertake an OpenDRI project
- Understand how to get involved with OpenDRI

Next Session

Introduction to OpenDRI
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Platform Screenshots

Introduction to OpenDRI

RESOURCES GLOSSARY TRANSCRIPT

WELCOME | DATA ACCESS | DATA CREATION | DATA COMMUNICATION | CONCLUSION

PREVIOUS NEXT

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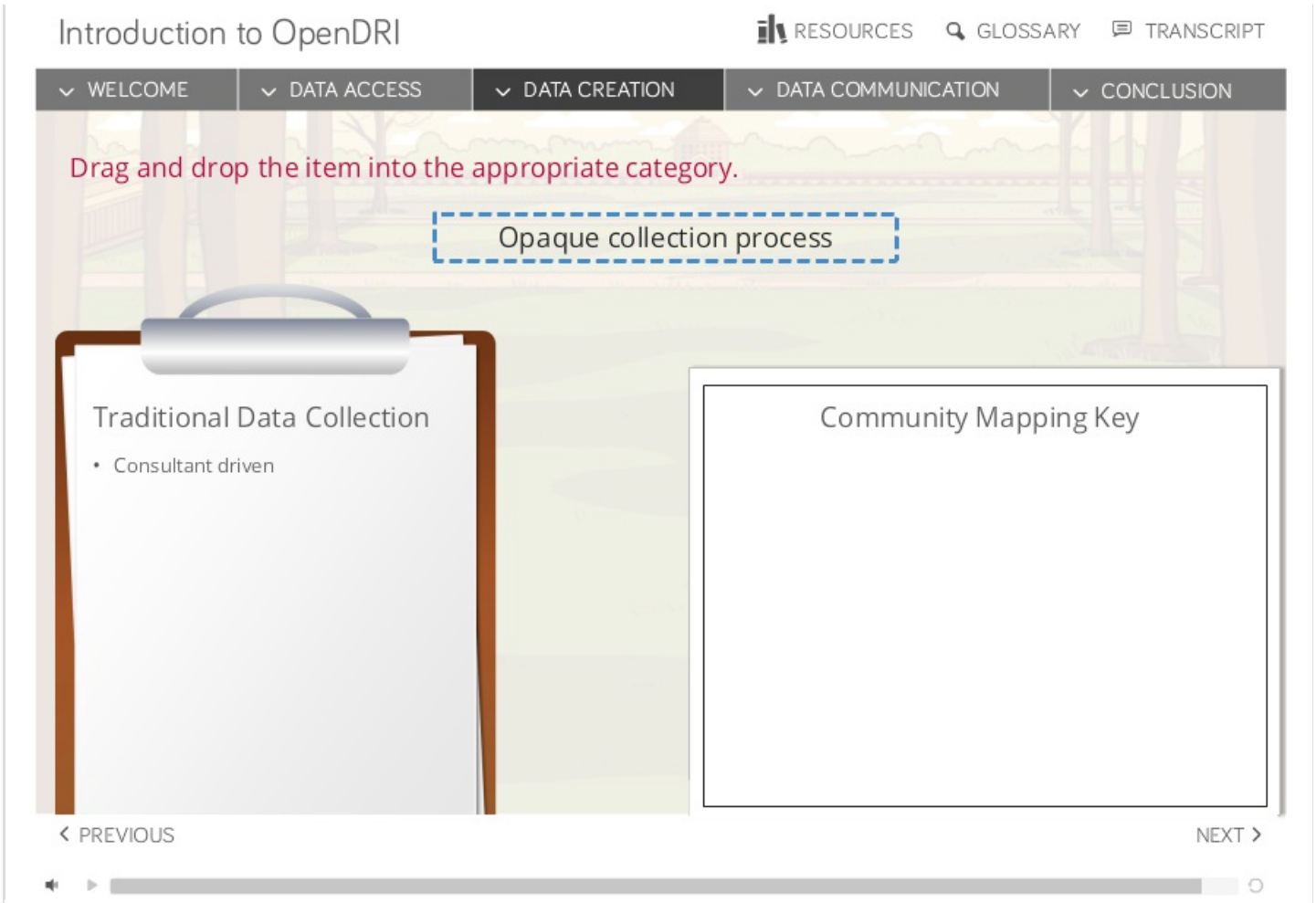
Click on each icon to learn more about a tactic for communicating risk information.

Simulation Game

Involves key stakeholders and decision makers in simulated games that put them in the position of using risk assessment tools to understand pre-determined risk information and think through disaster risk reduction and post-disaster reconstruction. The exercise highlights the value of incorporating risk information into long-term planning decisions, the importance of open access to data for decision-making, and the role of the community in providing accurate and up-to-date information.

PREVIOUS NEXT



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