

COMMUNITY HAZARD MAPPING

Fundación Guatemala

Community Practitioners Platform for
Resilience Huairou Commission–GROOTS
International

Venice, Italy, May 2016

HUAIROU COMMISSION AND GROOTS INTERNATIONAL
WORKS IN 28 COUNTRIES INCLUDING ASIA, LATIN AMERICA
AND AFRICA WITH TWO MECHANISMS:

–COMMUNITY RESILIENCE FUND –CRF–

–COMMUNITY PRACTITIONERS PLATFORM FOR RESILIENCE
–CPPR

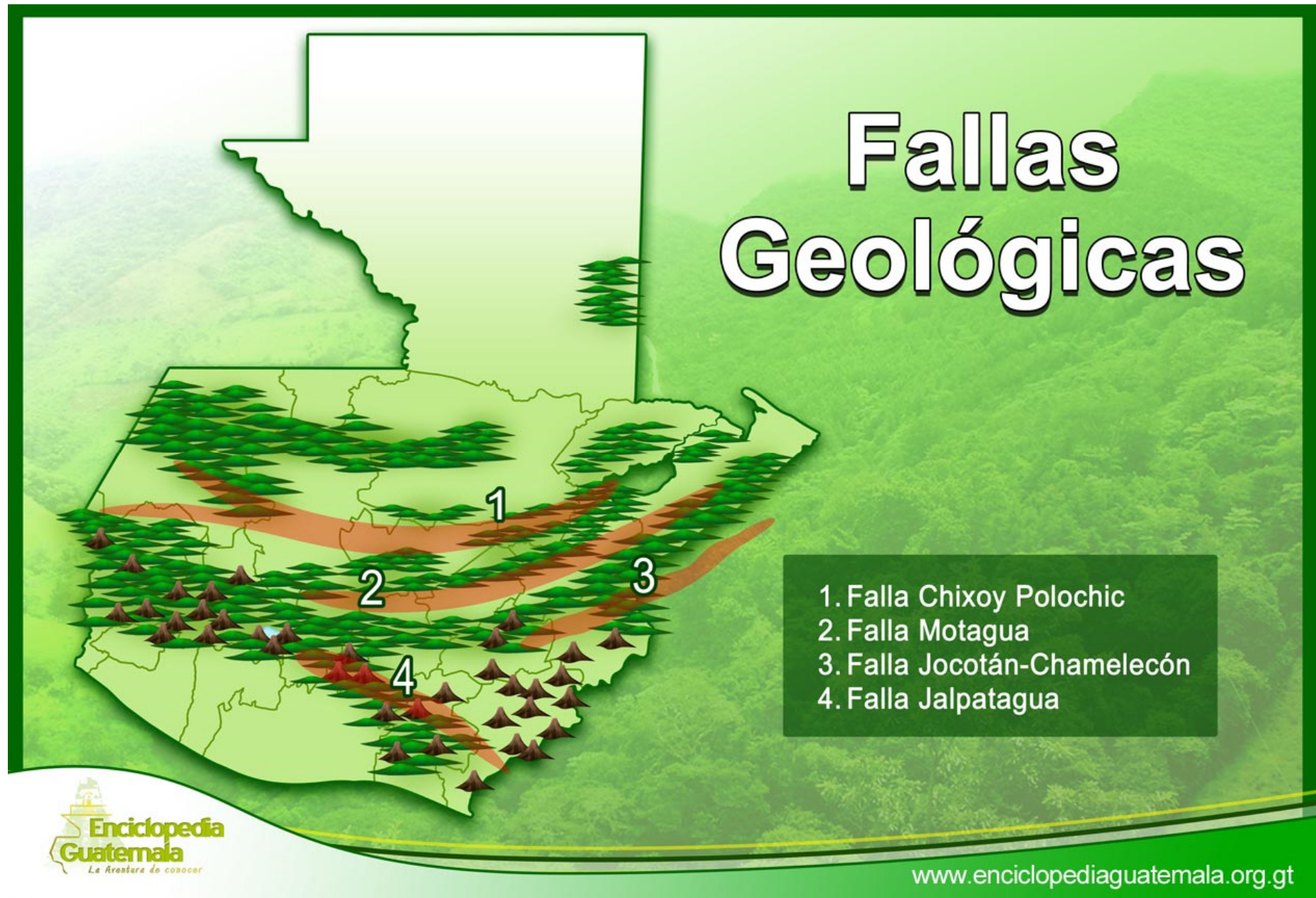
.....

WHY DO WE MAP?

- To identify and prepare against risks and hazards such as hurricanes, tropical storms, landslides, volcano eruptions, floods, droughts with Indigenous, Fishing communities
- To protect their shelter, livelihoods and families
- To recognize women as key community stakeholders
- To plan with Local and National Govmts. possible actions, initiatives to build community resilience

*maps as advocacy tools!

SEISMIC HAZARD MAP OF GUATEMALA



FROM COMMUNITY HAZARD MAPPING TO NATIONAL
RECOGNITION WITH THE “**CERTIFICATION PROCESS OF
GRASSROOTS WOMEN LEADERS AS DEVELOPMENT AGENTS
DRR**” with National Disaster Management Agency

Including:

- preparedness
- improving livelihoods
- first response
- recovery



ENGAGED COMMUNITY GROUP

- A process that involves everyone in the community: residents, community leaders and local authorities.
- partnerships need to be built between leaders and local, national authorities as well as disaster risk management agencies in order to share data and get commitment of everyone.
- This is also an integrated process in which both traditional knowledge and scientific knowledge come together as a “knowledge sharing process”.



Risk Mapping is the starting point to build women's leadership

capacity building process at local level !!

**each woman transfer knowledge to 10 women.*

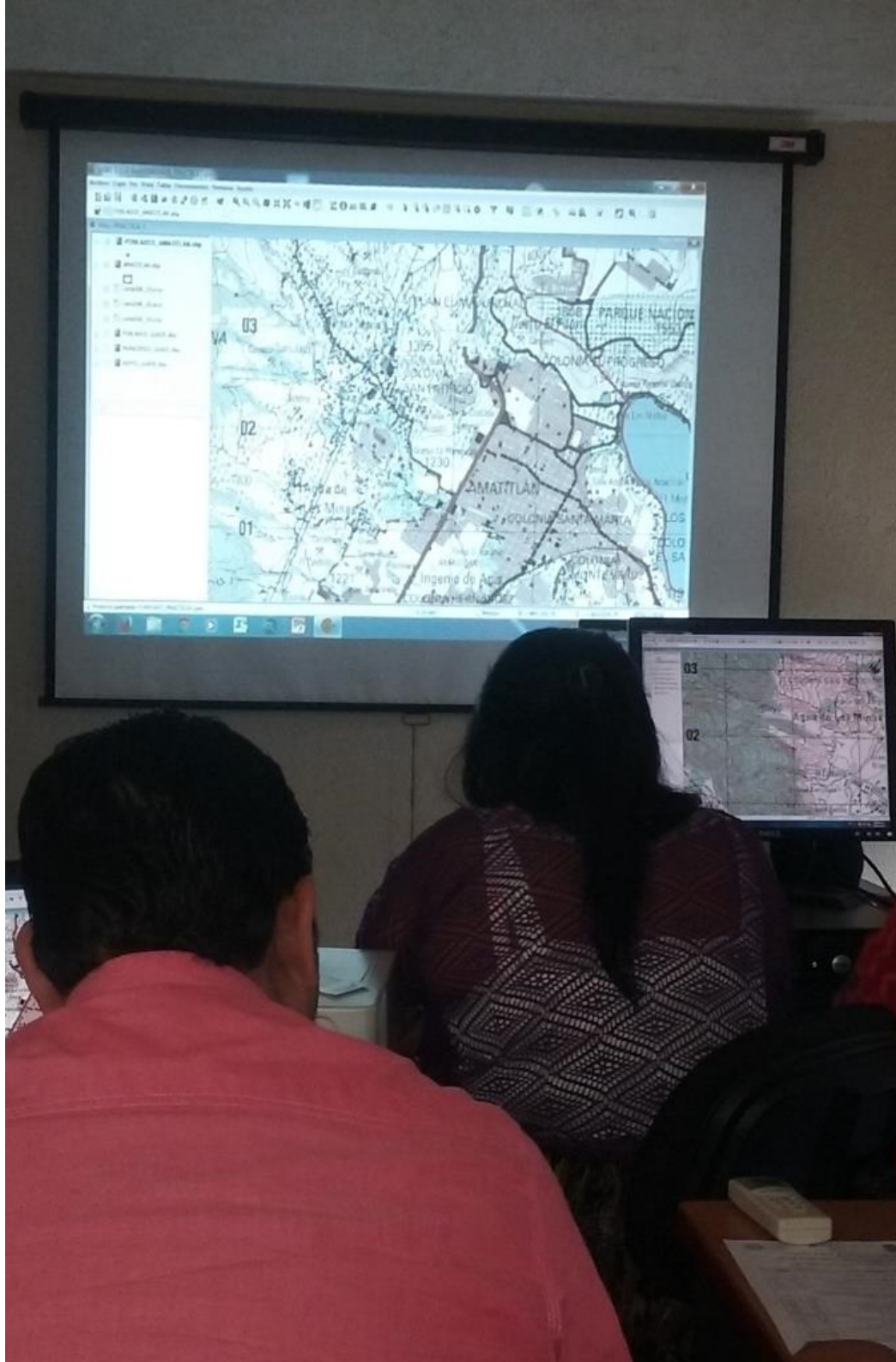
STEPS OF HAZARD MAPPING PROCESS

- Community assembly
- Community training conducted by grassroots women leaders: DRR, resilience building, Sendai framework, policy framework at national and regional level, resilient cities and 10 essentials.
- Exploratory walk **with other stakeholders in the community**
- Evaluation meeting
- Map drawing in collective





- Proposal building for resilience practices and presentation to the Local Authorities
- Advocacy process for accessing local budgeting from Municipal %



TECHNOLOGIES IMPROVE COMMUNITY ENGAGEMENT:

- The Geographic, Strategic and Risk Management Information Direction – DIGEGR– from the Ministry of Agriculture to train a group of grassroots women leaders to use GPS devices.
- to register the changes in hazards such as deforestation or erosion more accurately
- Trained women leaders at community level will have the opportunity to “sell services” to their municipalities using GPS and other technologies for land use planning and more.

THIS IS VERY IMPORTANT
BECAUSE IT ALLOWS THE
INTRODUCTION OF A
TECHNOLOGICAL TOOL TO
THE WORK THEY'VE BEEN
DOING FOR YEARS USING
ONLY TRADITIONAL
KNOWLEDGE AND THEY
WILL BE ABLE TO BUILD
MORE EXACT MAPS THAT
EVEN THE MUNICIPALITIES
CAN USE FOR THEIR
RESILIENCE BUILDING
PLANS.

