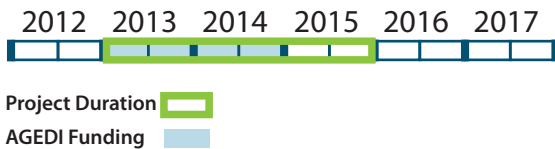


# Strengthening Information Infrastructure for Emergency Management (SIEM)

As part of the Eye on Disaster Management Special Initiative, AGEDI has seed funded the SIEM project that is focused on developing a national-level information infrastructure to support emergency management in the MENA Region. The objective of SIEM is to define and implement a new conceptual framework aimed at reducing fragmentation among capacity building efforts to improve information management in support of emergency management and disaster risk reduction in countries. SIEM will draw from experiences from several deployments in the Arab and nearby regions (Oman, Kosovo, Kazakhstan), having them implemented in two countries during the first phase of implementation: Morocco and the Philippines. The intent of the project is to ensure that core layers of information are made available to the appropriate decision makers to ensure prompt actions before, during or following a disaster. SIEM aims to facilitate this by engaging the main stakeholders involved in disaster risk reduction, emergency management and information management (government, donors, the United Nations, NGOs and NPOs, the private and the academic sector) in the process.

## Project timeline:



## Benefits

- International community support for countries to generate and maintain core layers of information necessary to support disaster risk reduction and emergency management;
- Promoting implementation of open-data policies or signed agreements to facilitate data sharing among governments and actors in risk reduction and emergency management activities;
- Integration of data collected by the international community from disasters into government information systems.

## Project Impact

By transferring knowledge, expertise and experience from the Philippines to Morocco, the SIEM project aims to impact on several countries in the Middle East and North Africa (MENA) Region.



Credit: Astonar (own work), El Kantara, Algeria.

## Entities Involved

- Association of American Geographers (AAG)
- Gaia GeoSystems
- United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA)
- Department of Social Welfare and Development, Government of the Philippines (DSWD)
- University of Ibnou Zohr, Agadir, Morocco
- MapAction.

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# Eye on Earth and the 8 Special Initiatives



## Eye On Earth

Eye on Earth (EoE) converges initiatives that address the challenges of increasing access to environmental, societal, and economic information. More specifically, EoE is facilitating the global convergence of world class thinkers, actors and capacity builders with a focus on resolving data and information gaps, blockages and needs as required for more effective decision-making towards sustainable development.

## 8 Special Initiatives

At the inaugural EoE Summit in December 2011, eight (8) Special Initiatives (SIs) were selected. There are considered the chosen eight initiatives are considered by the Eye on Earth Community to fundamentally improve the landscape of environmental and societal information networking for the benefit of mankind, and from which compelling and tangible results can be achieved over the next 2-5 years.



The eight Special Initiatives, 3 foundational and 5 thematic, represent significant programmes of work. The 3 foundational series address issues that cross-cut the 5 thematic Special Initiatives and are seen as essential to supporting effective environmental and societal data and information sharing. Each Initiative is comprised of stakeholders that form a global community of practice. Together, the SIs represent a major portion of the EoE community. Stakeholders are actively engaged in moving initiatives forward through exemplary projects that demonstrate the guiding principles of the EoE Summit Declaration.