



RASOR

RAPID ANALYSIS AND SPATIALISATION OF RISK

RASOR SME WORKSHOP CONCLUDES WITH STRONG INTEREST FROM NEW PARTNERS



As part of the Business Vision of the RASOR Consortium, enhanced RASOR services can be offered through innovative partnerships with Small and Medium Sized (SME) businesses that bring new technology or developed applications to the RASOR Consortium. In order to reach out to European SMEs, the RASOR Consortium organised a one-day SME workshop during the recent International Geoscience and Remote Sensing Symposium (IGARSS) in Milan, Italy on 30 July, 2015. The event was organised in conjunction with IGARSS and the European Association of Remote Sensing Companies (EARSC). The purpose of the event was to explain the objectives and functionalities of the RASOR platform to SMEs, and to enlist some of them as RASOR Associates once RASOR moves from phase 1, the EC-funded project, to phase 2, the Consortium-funded commercial project that is the foundation for RASOR sustainability. This is planned for June 2016.

The event. The first half-day of the event was dedicated to showcasing the existing RASOR platform, while the second half-day was dedicated to one-on-one sessions with companies. The open RASOR Platform offers a framework for RASOR partners to offer add-on products and provide targeted value-added services. Following this philosophy, the Consortium is inviting other interested organizations to become RASOR Associates in order to forge new alliances in the application of innovative technologies to DRM, thus increasing the availability of data and tools to manage risk. The RASOR SME Workshop was a first step in reaching out to new partners to broaden the benefits of RASOR within the SME community and to leverage SME investments in RASOR applications. The productive discussions and ideas that have come out of the event will ensure the Workshop is a milestone in RASOR Consortium development.

The event was held in conjunction with the annual IGARSS conference to facilitate participation for attendees. There was no cost associated with

For more information about joining the RASOR Consortium as an Associate, contact fframe.koudogbo@altamira-information.com or

www.rasor-project.eu



FUNDERS

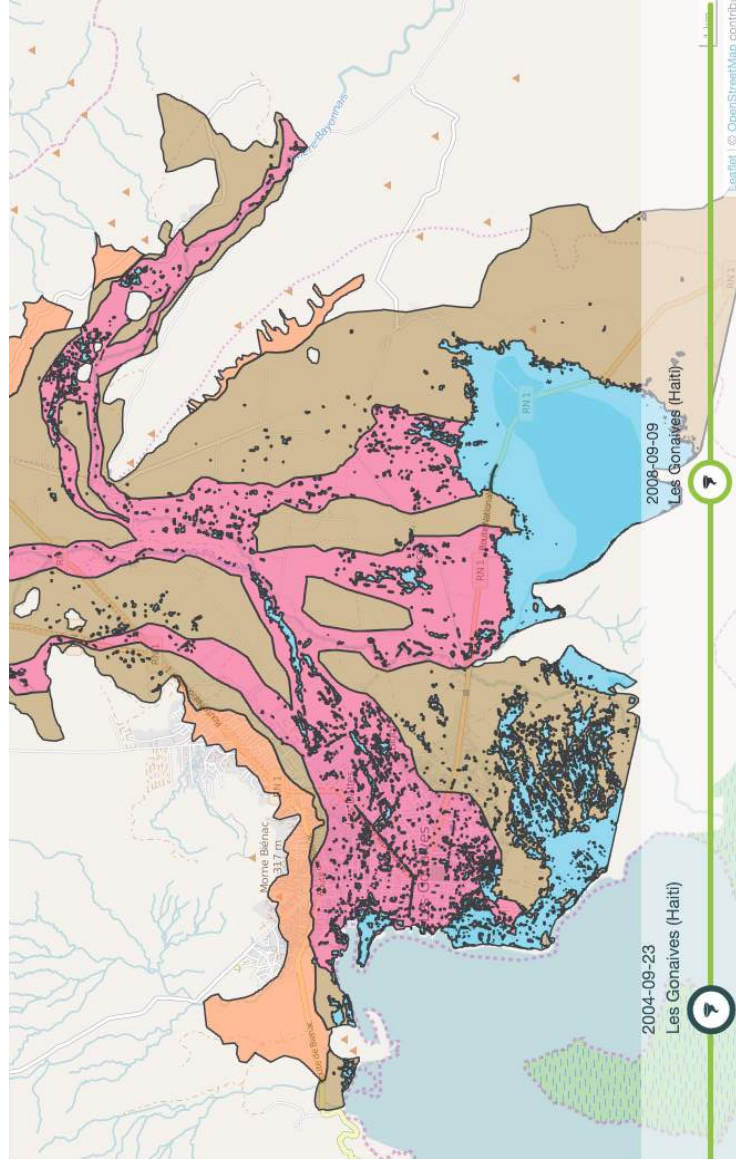


This project has received funding from the European Union's Horizon Framework Program for research and innovation under grant agreement no. 606888

PARTNERS



RASOR PLATFORM UNDER VALIDATION



The validation of the RASOR Platform has begun. This is the most important and challenging part of the project, as the results from the partnership will be analysed in detail by all key stakeholders during ad hoc validation missions.

The RASOR Platform beta version has been released at the end of November and the validation missions' plan has been put forward:

- December** - Haiti - CNIGS
- December** - Washington - World Bank GFDRR
- January** - Delft - Dutch Ministry of Environment and Infrastructure
- January** - Geneva - UNOSAT
- February** - Jakarta - BNPB, PLANAS
- February** - Athens - National Greek Civil Protection
- March** - Rome - Italian National Civil protection, ARPA-SIMC

The first two Validation missions in December were a success and the platform was appreciated by end users and stakeholders that provided also useful information for the platform improvement.

The users follow validation protocols that test each functionality of the platform, with particular focus on the ones tailored to the particular case study that is under Validation.

The final aim of the validation is not only to test the compliance of the beta platform to the user needs identified by the project, but also to define additional improvement useful for each end user that accepted the validation.



RASOR SESSION @EGU2016



RASOR will be present at EGU with a session on Multi-Hazard Multi Risk studies aid by EO data. The session will be probably a PICO session. Here under the abstract of the session that will be held in April 2016.

Over recent decades, there has been a dramatic rise in disasters, and their impact on human populations. Escalation in complexities in our societies is making risks increasingly difficult to understand and changing the ways in which hazards interact with each other. The Rapid Analysis and Spatialisation and Of Risk (RASOR) project developed a multi-hazard risk analysis platform to support the full cycle of disaster management. RASOR provides up-to-date hazard information across floods and geohazards,

up-to-date exposure data from known sources and newly-generated EO-based data, and characterised quantitatively their vulnerabilities. RASOR also adapts the newly-developed 12m resolution global TanDEM-X Digital Elevation Model (DEM) to risk management applications, using it as a base layer to develop specific disaster scenarios. RASOR overlays archived and near real-time very high resolution optical and radar satellite data, combined with in situ data for both global and local applications. A scenario-driven query system allows users to project situations into the future and model multi-hazard risk both before and during an event. Applications with regards to different case study sites are presented in order to illustrate the

RASOR EXPLORES POSSIBILITIES FOR AFRICAN CASE STUDY AREAS

The Understanding Risk and Finance Africa Conference was held in Addis Ababa from 17 to 21 November. About 250 risk practitioners, mostly from Africa, attended the event. RASOR shared its vision for geospatial risk management on an ad hoc basis with a wide range of participants, including key stakeholders from the World Bank and Global Facility for Disaster Reduction and Recovery, and national governments from across North, West, East, Central, and Southern Africa. The event also included representation from non-governmental organizations active in humanitarian relief and development. Earlier this year, RASOR began

UNDERSTANDING RISK & FINANCE CONFERENCE



work on its first African case study, Northern Malawi. The RASOR Consortium is involved in several discussions to extend the existing platform analysis capability to African nations, and hope to be able to begin work in new areas as early as 2016.

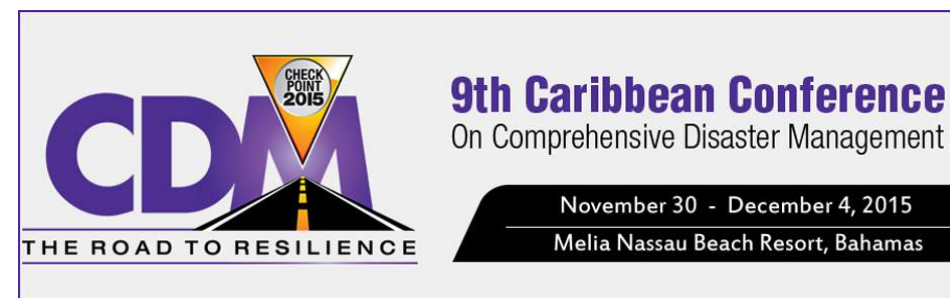
RASOR PARTICIPATES IN THE CDEMA'S KNOWLEDGE MARKETPLACE

RASOR recently participated in the recent Caribbean Comprehensive Disaster Management Conference, from 30 November to 5 December, in Nassau. The annual event is at its ninth installment, and has become the premier regional event for the review of Comprehensive Disaster Management practices. Organized by the 18-member intergovernmental organization CDEMA (Caribbean Disaster and Emergency Management Agency), the conference is a meeting point for all key disaster and risk players.

This year's theme was "on the road to resilience: checkpoint 2015". During the event, RASOR was able to participate in the "Knowledge marketplace", an interactive session where 15 ICT tools were presented in parallel to Conference attendees who

were asked to "spend" money on tools of their choice. RASOR ranked 4th out of 15, with 1500\$ spent compared to 2000\$ for the winning tool. RASOR was the highest-ranking geospatial analysis tool, and several key contacts were made for potential future users. The event confirmed that RASOR can be quickly understood by a range of diverse users, and offers each of them something interesting in their approach to comprehensive risk management. RASOR also

held side meetings with Caribbean Disaster and Emergency Management Executive Director to discuss how RASOR work in Haiti could be applied to other countries in the region, and with the Pacific Disaster Center (PDC), to discuss partnering opportunities that would take advantage of the complementary nature of RASOR and the PDC's DisastersAWARE. RASOR focusses on risk assessment using EO and other technologies to document hazards, exposure and vulnerabilities. DisastersAWARE is a visualization



tool to compile socio-economic and environmental vulnerabilities and examine coping capacity within a given country or area. The discussion has led to the definition of a joint process for examining complementary exploitation of the tools, and will lead to further discussions between the RASOR Consortium and the PDC. The PDC is one of the world's leading Disaster Centers.