

# EVER-EST4GSNL@EGU2016

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**Abstract**—Poster presented at EGU 2016, entitled: *Improving the scientific research for the Geohazard Supersites through a Virtual Research Environment: the H2020 EVER-EST Project*, by E. Trasatti and S. Salvi

## I. INTRODUCTION

This document provides a paper-style view of the Research Object (RO) “EVER-EST4GSNL@EGU2016”<sup>1</sup> generated. The RO has been created, managed and preserved via ROHub platform [1]. Please refer to [2] for a general introduction to the RO concept, to [3] for a detailed description of the RO model, and to [4] for more information about ROHub platform.

The RO is of type “Bibliographic”, which is intended mainly for the aggregation of bibliographic resources, bibliographic references, or documents (e.g., grey literature) that are relevant to a specific topic.<sup>2</sup>

Additionally, this RO has been enriched automatically with the following annotations:

- concepts (most frequently mentioned in the RO): *use, share, capabilities, researchers, Research, community, infrastructure, Earth Science*
- domains (fields of knowledge in which the main concepts are commonly used): *volcanology, crime*
- frequent expressions (most frequently mentioned noun phrases): *forEarth science researcher, research environment*
- named entities (most frequently mentioned):
  - Places: *Rome, Etna*

## II. RESOURCES

The resources encapsulated by the RO are summarized in table I

TABLE I  
RESEARCH OBJECT RESOURCES

name	size	type
EVER-EST4GSNL@EGU2016.pdf	1.1 MB	BibliographicResource

## ACKNOWLEDGMENT

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<sup>1</sup><http://sandbox.rohub.org/rodl/ROs/everest4gsnlegu2016/>

<sup>2</sup>See RO types definitions at <http://w3id.org/ro/earth-science#>

## REFERENCES

- [1] The Research Object Management Platform - ROHub <http://www.rohub.org/>.
- [2] K. Belhajjame, O. Corcho, D. Garijo, J. Zhao, P. Missier, D. Newman, R. Palma, S. Bechhofer, E. García Cuesta, J. M. Gómez-Pérez, S. Soiland-Reyes, L. Verdes-Montenegro, D. De Roure, and C. Goble “Workflow-Centric Research Objects: First Class Citizens in Scholarly Discourse”, Proceedings of Workshop on the Semantic Publishing, SePublica Crete, Greece 28 May 2012.
- [3] Belhajjame K., Zhao J., Garijo D., Gamble M., Hettne K., Palma R., Mina E., Corcho O., Gómez-Pérez J. M., Bechhofer S., Klyne G., Goble C. “Using a suite of ontologies for preserving workflow-centric research objects”, Journal of Web Semantics: Science, Services and Agents on the World Wide Web Available online 11 February 2015 ISSN 1570-8268.
- [4] Palma R., Corcho O., Gómez-Pérez J. M., Mazurek, C. “ROHub - A Digital Library of Research Objects Supporting Scientists Towards Reproducible Science”. In Semantic Publishing Challenge of Proc. Extended Semantic Web Conference (ESWC) Crete, Greece 25-29 May 2014