

EVER-EST4GSNL@NEXTGEOSSsummit2018

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Abstract—Presentation at the NextGEOSS summit of how the Research Object concept and the EVER-EST VRE can support the implementation of Open Science for the GSNL initiative. By Stefano Salvi

[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

I. INTRODUCTION

This document provides a paper-style view of the Research Object (RO) “*EVER-EST4GSNL@NEXTGEOSSsummit2018*”¹, which is a *release* generated on 22 September 2018 from the live RO “*EVER-EST4GSNL@NEXTGEOSSsummit2018*”². The ROs have 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 a relevant to a specific topic.³

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

- concepts (most frequently mentioned in the RO): *Science, Research*
- frequent expressions (most frequently mentioned noun phrases): *GSNL initiative, research object concept*
- named entities (most frequently mentioned):
 - Places: *Everest*

Note that the RO can be cited through its DOI *10.24424/ro-id.1KU5LM5B0G*.

ACKNOWLEDGMENT

The Research Object was uploaded to ROHub by *Stefano Salvi*. ROHub portal development was supported by EVER-EST EU project (HORIZON 2020 grant 674907).

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.

¹<http://sandbox.rohub.org/rodl/ROs/everest4gslnnextgeosssummit2018-release/>

²<http://sandbox.rohub.org/rodl/ROs/everest4gslnnextgeosssummit2018/>

³See RO types definitions at <http://w3id.org/ro/earth-science#>