

EGU2020-20966

<https://doi.org/10.5194/egusphere-egu2020-20966>

EGU General Assembly 2020

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NextGEOSS data hub and platform - connecting data providers with geosciences communities

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The geosciences communities share common challenges related to effective use of the vast and growing amount of data as well as the continuous development of new technology. It is therefore a great potential in learning from the experiences and knowledge acquired across the various fields. The H2020 project NextGEOSS is building a European data hub and platform to support the Earth observation communities with a set of tools and services through the platform. The suite of tools on the platform allows scalability, interoperability and transparency in a flexible way, well suited to serve a multifaceted interdisciplinary community, NextGEOSS is developed with and for multiple communities, the NextGEOSS pilots. This has resulted and continues to provide transfer of experience and knowledge along the whole value chain from data provision to applications and services based on multiple sources of data. We will introduce the NextGEOSS data hub and platform and show some illustrative examples of the exchange of knowledge that facilitates faster uptake of data and advances in use of new technology. An onboarding system is benefitting for existing and new users. A capacity building strategy is an integral part of both the onboarding and the individual services, which will be highlighted in this presentation.