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The Belmont Forum has endorsed a comprehensive Data Skills Curricula Framework aimed at enhancing information management skills for researchers engaged in global change research. Developed by the e-Infrastructures and Data Management Project, this framework seeks to improve data literacy, security, and sharing in transdisciplinary global change research. According to Maria Uhle, Co-Chair of the Belmont Forum, "Global change research requires a diverse set of skills, especially those related to digital skills." The Framework is designed to equip researchers with the necessary skills to make scientific data more accessible for re-use, thereby facilitating collaboration and informed decision-making among scientists, policymakers, and the public. A recent survey by the e-I&DM project revealed significant barriers to sharing and reusing data effectively, including data complexity, lack of standards, and exchange vocabulary. To address these challenges, the Curricula Framework proposes a set of core modules that standardize skills in domain scientists, making data handling more efficient, research more reproducible, and data more shareable. The five core skills emphasized include programming, environmental data specifics, visualisation, data management, and interdisciplinary data exchange. Optional modules are also suggested for established researchers to enhance their data skills and explore new options for examining and processing data. In addition to the core modules, briefings have been developed specifically for Principal Investigators to provide an overview of data management and skills. The Belmont Forum's e-Infrastructures and Data Management Project has incorporated best practices in training and workforce development into this framework. The SEI CRA aims to unite e-infrastructure and cyber-infrastructure developers and providers around a shared goal: tackling methodological, technological, and procedural challenges in interdisciplinary and transdisciplinary environmental change research that involves large, diverse, and transnational data. This initiative will foster collaboration between research thinking and technological innovation, accelerating the discovery-driven use of data and open science for the benefit of the broader scientific community. The competitive SEI call supports innovative projects focused on developing demonstrators and pilots that enable the use of transnational multi-source data in interdisciplinary and/or transdisciplinary environmental change research. These projects should identify tangible research questions and objectives that will be addressed through proposed solutions. Collaborative projects involve domain scientists, computer and data scientists, e- and cyber-infrastructure developers, and providers, linking research thinking and technological innovation to tackle well-identified methodological and/or technological issues in transnational data use. Translatable projects deliver and share innovative demonstrators and pilots, open software, and proof-of-concept solutions that are relevant and usable for the wider scientific community. These initiatives focus on interdisciplinary and transdisciplinary research-driven approaches with an emphasis on co-design, co-development, and sharing across disciplines. Each project partner must comply with eligibility criteria and rules of its funding organization. Funding agencies interested in this call include National Science Foundation (USA), Ministry of Education, Culture, Sports, Science and Technology (Japan), São Paulo Research Foundation (Brazil), National Research Agency (France), and Ministry of Science and Technology (Chinese Taipei). The application process opens on April 16, 2018, with a deadline for proposal submission by July 16, 2018. Funding decisions are expected in December 2018, with projects beginning tentatively between January and March 2019. For more information about the call and application process, please visit www.bfgo.org or contact info@belmontforum.org.

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