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Mitigating Equity Challenges to Foster Open Science Practices in Emerging Countries

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Open Science practices are essential for promoting transparency, collaboration, and accessibility in research. However, developing countries often face significant equity challenges that hinder their participation in the global research ecosystem. These challenges include capacity gaps, infrastructure disparities, lack of awareness, and digital divides. This session aims to address these barriers by fostering open science practices in underserved communities, ultimately creating a more equitable and interconnected research environment.

The goal of this session is to enhance understanding and cultivate a culture of open science through capacity-building training and strategic outreach activities, focusing on the perspective of developing countries. It has planned to build scholarly communities that empower equitable access to information resources, particularly in South Asian countries.

This session will develop a comprehensive strategy for building scholarly infrastructure through open science utilities (such as FAIR, CAIR, PID, CC licensing, and mandate policies), emphasizing the need for capacity-building, awareness programs, and strategic outreach.

The current landscape of scholarly communication in South Asian countries faces significant challenges, including fragmentation of data, limited accessibility, and lack of standardization. The implementation of open science practices based on FAIR Guiding Principles can help bridge these gaps, enabling researchers to share and access scientific knowledge more efficiently.

This initiative seeks to mobilize open science practices in South Asian countries by focusing on collaboration and networking among the Open Science players (including academic institutions, government bodies, NGSs, and other stakeholders) to support open science initiatives.

Ultimately, it will foster a more interconnected research ecosystem that aligns with global trends.

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