



## **Synergizing MAIRS and NEESPI Region Study Programs: Complementary and Potential for Collaboration**

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To address regional specific issues within the context of global environmental changes, the Monsoon Asia Integrated Regional Study (MAIRS) and the North Eurasia Earth System Science Partnership Initiative (NEESPI) were established. The MAIRS program goal is to understand to what extent the human activities modulate the Asia monsoon climate and how the changed monsoon climate will impact further the social and economic development of Asia while the NEESPI program goal is to better understand the interactions between the ecosystem, atmosphere, and human dynamics in northern Eurasia. These two programs are complementary in many aspects as they focus on very different geographic regions of distinct climate systems and human environment. However, the two programs also overlap in methodological approaches and some geographic regions. The two programs can mutually benefit through collaboration in data sharing, models comparison, and result interpretation. In this talk, we will present complementary areas and suggest specific ways for collaboration. We will also identify gaps for potential improvement.