

**Carbon cycle session for the 2005 IAMAS meeting, August 2005,
Beijing, China**

Carbon Cycle and Climate

The symposium on carbon cycle and climate invites contributions from studies of magnitudes and distributions of global carbon sources and sinks at various temporal and spatial scales and interactions between global carbon cycle and climate. The aim of this session is to encourage multiple-disciplinary approach in studying carbon cycles and its interactions with climate. Topics of relevance include: regional and national carbon inventories, CO₂ emissions from land use change and fires, measurements or modeling of net CO₂ exchange of terrestrial ecosystems, land surface models including carbon dynamics in global climate models, interactions between carbon cycle and climate in the past, present and future and applications of model-data fusion in regional and global carbon cycle studies. Papers are also welcome on studies of carbon cycling in an earth system model and in the context of human dimensions. This symposium is initiated by and sponsored by the Global Carbon Project.

Conveners:

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