



Carbon Management

Developing the next generation of interdisciplinary leaders: Carbon Managers

Stabilizing the climate will require a new regime of carbon management, a new carbon economy, that can balance the world's carbon budget and either avoid the use of fossil carbon or prevent it from accumulating in the environment.

This online course on carbon management, which will be first offered in the Spring of 2018, will give an interdisciplinary overview of the emerging field of carbon management. It will explain the causes and risks associated with climate change, how managing carbon can reduce or eliminate these risks, and what technical options are available—including carbon capture and carbon storage—and their monitoring and verification. It will consider carbon sources and sinks, and the new carbon economy of recycling carbon.

For further information and questions, please contact Shahrzad Badvipour at Shahrzad.Badvipour@asu.edu.

Course Content:

1. Climate and carbon management
2. Carbon sources and carbon sinks
3. Mitigation strategies
4. Carbon sequestration
5. Negative emissions
6. Public acceptance and future scenarios
7. Institutionalization of carbon management

Instructor:

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3 credit hours

iCourse

ASU Online Course

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