



UIC Global Learning Community presents



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GLC Green Matters Lecture

Why does it rain (or not): Megadroughts and their Past and Future Impacts

Max Berkelhammer, Earth and Environmental Sciences, UIC

Four thousand years ago, the Indian Monsoon shut down for nearly two centuries. The drastically reduced rainfall also generated formative changes on the cultural landscapes of India, North Africa and the Middle East, including the migration of millions of people and the complete extinction of a major language. Such abrupt climate changes are often coincident with cultural change. Understanding what causes these events could be the first step in our learning how to mitigate their impact. For example, our response to the current drought in California would be different if it were going to end next year or if it would continue for another century. We'll discuss here why it rains and why it doesn't and consider how land-use change and rising greenhouse gas emissions may influence our susceptibility to abrupt climate events.

Thursday, April 16th, 12:00 PM

Library Conference Room 1-470, Richard J. Daley Library, 801 S. Morgan
Lunch will be served. Please RSVP glc@las.uic.edu

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