EES 79903, CRN32429

Past Climate Change: Looking Back to our Future

Professor Stephen Pekar

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This course is intended to provide students with a comprehensive look back into past climate and oceanographic changes that occurred from the Late Cretaceous to the Holocene (70 million years ago to today). This will be accomplished by first reviewing the cutting methods and techniques used in paleoclimatology and paleoceanography followed by discussions, presentations, and lectures on some of the outstanding questions pertaining to past climate changes.  In addition, there will be a focus on time intervals that had higher greenhouse gas and global temperature levels than today, as a means of “looking back to our future”.