

# Weather and Bird Migration Are Focus of Wednesday Seminar at SWOSU

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Dr. Jeff Kelly, director of the Oklahoma Biological Survey and professor of biology at the University of Oklahoma, will be the featured speaker at this Wednesday's (Jan. 25) Joseph D. Maness Seminar Series at Southwestern Oklahoma State University in Weatherford.

Kelly will present "Using Weather Radars to Understand Bird Migration" at 4 p.m. in Old Science Building, Room 212. Admission is free, and the public is invited. Light refreshments will be served.

The seminar series is sponsored by the SWOSU Department of Biological Sciences.

According to SWOSU Associate Professor Zach Jones, society is rapidly increasing its use of the lower atmosphere (aka aerosphere) for energy development, transportation and communication.

Understanding interactions between flying animals and human infrastructure and societal concerns they create requires knowledge developed at the interface of biology, meteorology, geography, anthropology, communication and computer science. Kelly said avian migration is one of Earth's most amazing aerial phenomena. Because of their unusual life histories, migratory animals are key indicators of global ecological change. Migrant animals create unique links among terrestrial and aerial environments from local to continental scales. The unique combination of their relatively small body size and long-distance movements also make these migrants fantastic sensors of the environment and very valuable indicators of human impacts at large spatial scales.

For more information about the seminar, contact Jones at 580.774.3294.