

Jesse Bell Bio

Dr. Bell completed his Ph.D. on ecosystem ecology and ecohydrology in 2009 from The University of Oklahoma. His research largely focuses on the coupling of the carbon and water cycles, where he employs a variety of techniques to study the consequences and implications of climate change on ecosystem processes.

As a graduate student, He participated in the "Terrestrial Ecosystem Response to Atmospheric Climate Change" (TERACC) symposium and was an author on a subsequent report in *Bioscience*. He worked and collaborated with researchers at the Chinese Academy of Sciences "Institute of Botany" in Beijing as an NSF supported EAPSI Fellow. The last two years of his graduate education were supported by an NSF GK-12 Fellowship. The primary objective of the program was to develop interactive scientific lessons on current research topics, for use in high school classrooms. As an additional part of his participation in the NSF GK-12 program, he was selected to perform research and science education outreach in Thailand. The research focus of this effort was to model the carbon-water fluxes in tropical forests, while the education component was to administer science lessons to Thai high school teachers and students.

Dr. Bell joined CICS-NC on October 30, 2010.