

Kilimanjaro



- Take your students on the adventure of a lifetime -

Explore the Roof of Africa without leaving your classroom

This September, Follow in the footsteps of a Team of **GLOBE** Students, Educators & Scientists as they attempt to summit Mt. Kilimanjaro, the tallest mountain in all of Africa.

GLOBE Teachers and Students around the world are invited to interact with **Xpedition** Members via e-mail while on the mountain. The Team will answer questions about their research as well as their experiences climbing the tallest free standing mountain on earth.



Visit the **Xpedition's** web page (www.xpeditiononline.com) to gain access to and learn more about the **GLOBE Seasons & Biomes Project and Protocols**, as well as the science being conducted on the mountain. Follow the action of this walking classroom on the **Xpedition** Journal and experience the Beauty of Africa through the eyes of **GLOBE's** young explorers on the **Xpedition's** Members page.

The **Xpedition** will put a face on a complex and sometimes seemingly remote issue of climate change and illuminate the connections between changes on the far side of the world and changes we may come to experience in our own backyards.

The **Xpedition** will tell the stories of shifting biomes and shrinking glaciers of Mt. Kilimanjaro, located near the equator in Africa. This connection will help young people understand the implications of global climate change in a fundamentally different way than available through classroom study alone. The **Xpedition's** students and educators along with Dr. Kenji Yoshikawa, University of Alaska Fairbanks, one of the world's leading authorities on permafrost research and Dr. Ming-Ying Wei, Manager of Education Programs at NASA, will share eyewitness accounts of the unique ecological community of Kilimanjaro. They will also contribute scientific measurements to compare with previous research and serve as a comparative baseline for future **GLOBE** Students to examine the effects of climate change that threaten the entire ecosystem of this World Natural Heritage Site.

