It’s all about BIOMES at Expo! Expo! 2017

Make Your Plans NOW!

Expo! Expo! APES annual Biomes Expo is the “show for shows.” Advanced Placement Environmental Science students attend this premier show to learn about the latest in Earth’s biomes as well as network with like-minded students. This spectacular face-to-face meeting provides attendees with a diverse opportunity to view and assess the information needed to plan for a successful school year that will you will remember for years to come.

Expo! Expo! fosters an environment of thought leadership, best practices and core content for show organizers to apply in real time for effective results. No other AP course in education brings such a diverse group of students and life-long learners together for face-to-face interaction.

Why Expo! Expo!?

* Expo! Expo! emphasizes thought leadership and best practices by providing attendees with experts on a wide range of current environmental issues while creating unique learning environments to immerse attendees in experiences.
* Expo! Expo! partners with technology to provide attendees to create visual experiences.
* Education sessions are planned to provide the best in core content within targeted biomes including strategy, design, marketing, management and technology, all to quickly elevate show organizers to the next level of cognition.

 Map showing location of the biome

 Biotic and abiotic description of the biome including climate

 Climograph explaining the average annual temperature, annual precipitation, etc.

 Impact of ENSO or La Nina on this biome

 Include: native species, keystone species, indicator species, foundation species, predator/prey, mutualism, commensalism, parasitism, pioneer species,

 Food web with at least 10 biotic factors including plants, mammals, birds, reptiles, amphibians, and fish. Explain how these organisms interact with each other.

 Select at least 2 organisms (producer and/or consumer) that are either threatened or endangered in your biome. What changes in the biome have caused this organism to become threatened or endangered? How are these issues being addressed?

 Invasive Species- What invasive species are prevalent in this biome? Research and identify at least two invasive species to the biome. Analyze the possible effect on other species within the same trophic level and species in other trophic level

 Animal Adaptation- Provide a detailed explanation of how certain organisms (plants and/or animals) are specially adapted to this biome and examples of cooperation and/or competition.

 Soil Type-Include horizons and soil profile.

 Natural/Capital Resources- What natural and capital resources can be found in this biome?

 Limiting Factors to Biome Productivity/ Diversity

 Impact of Humans- Research, identify and discuss at least 2 human impacts on the biome

 Laws/Acts that affect this biome.

 Case study/scholarly article relevant to your biome.

 Use of technology incorporated in your presentation.

 Create a student interactive to enhance their knowledge of your biome.