

# ECOLOGY – YEAR 1 (2017) OVERVIEW

KAREN L. LANCOUR  
National Rules Committee Chairman – Life Science

**DISCLAIMER** - This presentation was prepared using draft rules. There may be some changes in the final copy of the rules. The rules which will be in your Coaches Manual and Student Manuals will be the official rules.

**BE SURE TO CHECK THE 2017 EVENT RULES for EVENT PARAMETERS and TOPICS FOR EACH COMPETITION LEVEL**

## TRAINING MATERIALS:

- **Training Power Point** - an overview of material in the training handouts
- **3 Training Handouts** - topic review by section of competition
- **2 Sample Tournaments** have sample problems with key (Div. B & Div. C)
- **Event Supervisor Guide** has event preparation tips, setup needs and scoring tips
- **Internet Resource & Training Materials** are available on the Science Olympiad website - [www.soinc.org](http://www.soinc.org) under Event Information.
- **A Biology-Earth Science CD, an Ecology CD** as well as the **Division B and Division C Test Packets** are available from SO store at [www.soinc.org](http://www.soinc.org)

## ECOLOGY CONTENT: - each section has a separate handout

- General Principles of Ecology (about 1/3)  
*It is recommended that for State and Regional Tournaments the general Ecology principles be applied to the local and regional ecology.*
- Terrestrial Ecosystems of North America (about 1/3)
- Human Impact on Terrestrial Ecosystems (about 1/3)

**The Ecology event will concentrate on the US Terrestrial Ecosystems**

### YEAR 1 – 2017

- *forests*
- *taiga*
- *tundra*

### YEAR 2 - 2018

- *grasslands*
- *deserts*

**PROCESS SKILLS** - observations, inferences, predictions, calculations, data analysis, and conclusions