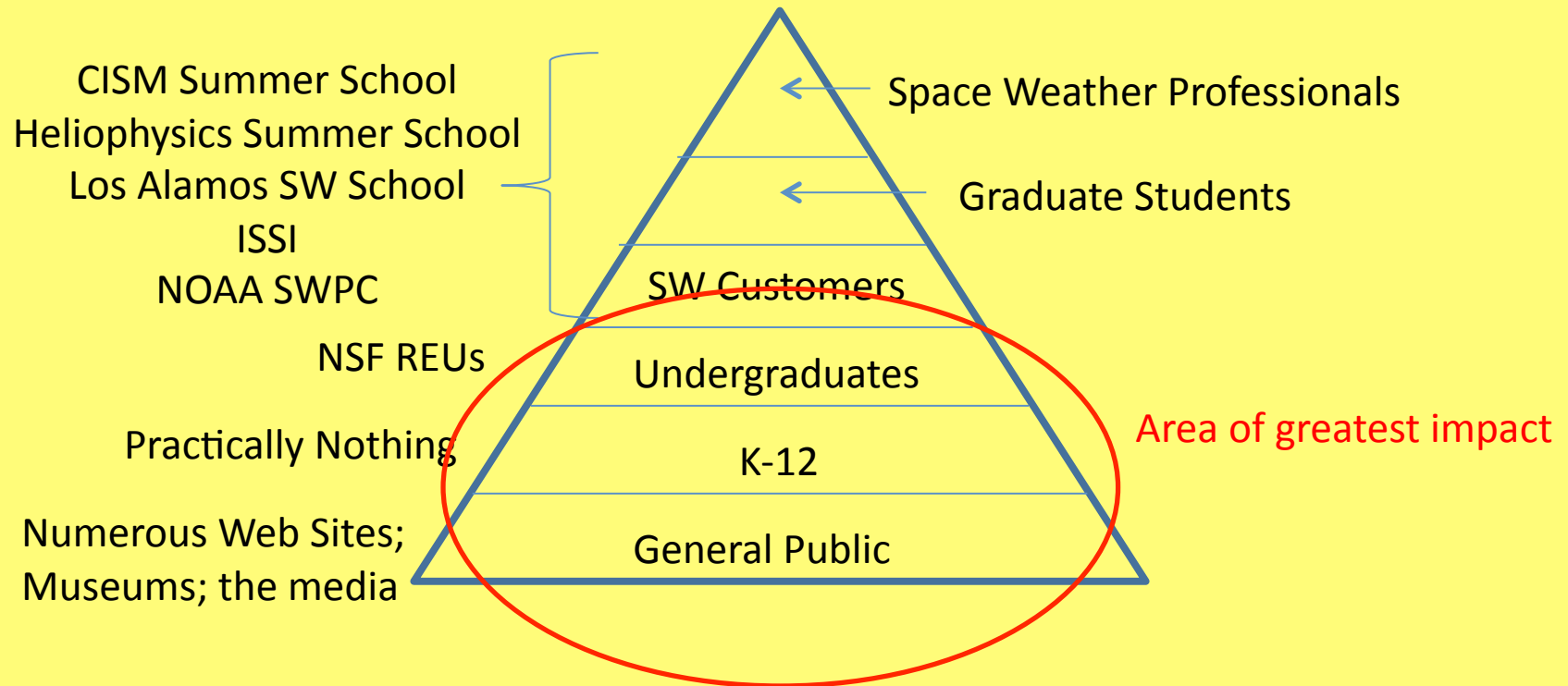


# **CCMC Role in Education**

**Bob Robinson**

**NSF**

# CCMC's Role in Space Weather Education



## Strengths to build on:

- Access to data and models
- Enthusiastic staff
- Societal importance
- Amazing graphics
- Engaging
- Compelling science

## Resources:

- NASA education
- NSF science grants; REUs
- NSF education
- Science community
- Local educational institutions
- Citizen science

# Prediction as Pedagogy

- **Inquiry Learning**
  - **Types**
    - **Discovery learning**
    - **Experiential learning**
    - **Authentic learning**
  - **Tools**
    - **Models**
    - **Scientific visualization**
    - **Systems view**
- **Next Generation Science Standards**
  - **Expanding the pipeline**
  - **Advanced understanding**

# Conclusions

- Education is important
- Don't let education interfere with primary mission
- Target educational activities with the greatest impact
- Gap in awareness and understanding in the general public is greatest
- Use prediction as an education and outreach tool
- Have documented mission, visions, and goals