

*The Issue is the Future-Looking Forward to  
Global Sustainability.*

15 Challenges... and more



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*35th Annual ECCSSA Conference*

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# *“Respond to the 15 Global Challenges...”*

- **Fifteen Challenges website “...one ought not rank order the challenges.”**  
All are important and systemically tied to one another.

**1. Collective recognition of one system.**

**“Policy making sensitive to long term perspectives?”**

**2. Develop a “sense of personal and collective responsibility”**

**3. SWOT assessment for each:**

- Recognizing that the challenges are just that...
- View them in a matter that is not fatalistic.
- Threats, but also huge opportunities for growth.

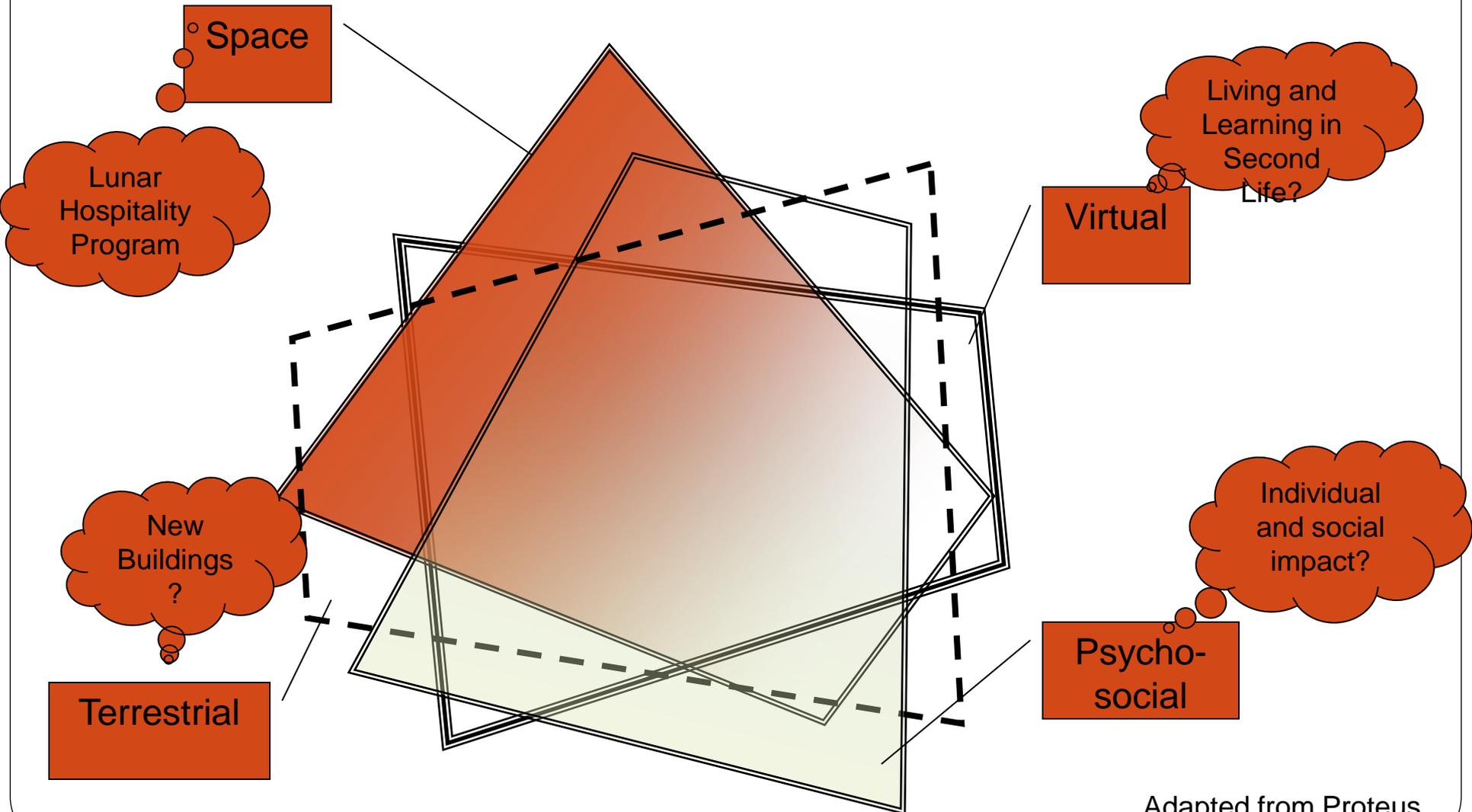
**4. Their impact is not uniform.**

**5. They are not abstract... they play out in varying ways at a local level.**

**6. Creating and enhancing the ability to think creatively – ideas are made not born.**

**7. The future will lie on the intersection of impact planes.**

# The Future on the Intersection: Considering “Influence Planes” for Thinking



# What is your vision for the future?

## “Get Your Hands Around Driving Forces”

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Driving forces are  
...major future  
shapers...\*

**POET - Population, Organization, Environment, Technology**

\* Roger Caldwell, U. of Arizona [ag.arizona.edu/futures/home/glossary.html](http://ag.arizona.edu/futures/home/glossary.html)

# *“What is your vision for the future? Ensure the survival of succeeding generations...”*

## **Applying POET**

- Global population control by the end of the century.
- The baby boomers will be exiting the system...
- The U.S. and the world experience will be dramatically more diverse.
- Asia is likely to dominate the global economy at least in the short haul  
cultural competence an essential skill.
- Globalization will be an anachronism – young people will be “natives” not “immigrants” in a “globalized world.”
- Challenge to social adaptation and culture lag - Rapidly adapting systems in the face of rapid change and offloaded complexity.
- Net-gener’s lead the way in learning not schooling.
- They will live in an innovation economy. Veni, Vidi, Wiki! Tapscott
- Work in reality creation and “sensemaking.” IF west coast
- Wide open spaces: Cyber and Outer – International security, energy and global development.

## **Transformation and Social Science Targets –**

- Discipline areas - get out of the stovepipes work in a cross disciplinary context.
- The best way to get into social science is to get out of it. Integrative. Essential to work across disciplines.
- There is pressure always for systems to snap back. Resist...

*“Ensure that citizens in this nation and the world are knowledgeable and prepared?”*

*Role of the community college in this mission?”*

- Start a futures vehicle for learning
- Translate forethought and futuring locally
- The concept of "community" in community college will inherently mean global community.
- Rapidly move off an industrial model of education. Education shared, global, peer-to-peer, wikieducation.
- Every program is global from the beginning - all existing programs will be transformed.
- By mid century "education" will be inherently global, successive generations will be "native" not immigrants" in the global education system.
- Whole Brain education (Daniel Pink)
- All science taught as applied from the start.

Reflections and  
Closing Remarks...

## **Creating a Future at the Vortex of Three Thoughts**

**"Accelerated  
change, offloaded  
complexity and the  
compression of time  
and space"**  
John Smart

**" Don't get so far  
ahead of the parade  
that people don't  
know you are in it."**  
John Naisbitt, *Mind Set*

**"Any useful idea  
about the future  
should appear to  
be ridiculous."**  
Dator's Law

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