

## References and Links from Geoscience Education for TPSE panel

*Build a community of practice of colleagues who value and respect good teaching:*

Manduca, C. A., Mogk, D. W., Tewksbury, B., Macdonald, R. H., Fox, S. P., Iverson, E. R., . . . Bruckner, M. (2010). On the Cutting Edge: Teaching help for Geoscience faculty. *Science*, 327(5969), 1095-1096.

<http://serc.carleton.edu/NAGTWorkshops/index.html>

*Build a library or portal for peer-recommended teaching resources:*

<http://serc.carleton.edu/teachearth/index.html>

*Learn from social scientists and K-12 education researchers:*

Manduca, C., Mogk, D., & Stillings, N. (2004). *Bringing Research on Learning to the Geosciences: Science Education Resource Center*. Download from [http://d32ogoqmya1dw8.cloudfront.net/files/research\\_on\\_learning/ROL0304\\_2004.pdf](http://d32ogoqmya1dw8.cloudfront.net/files/research_on_learning/ROL0304_2004.pdf)

*Reflect on what cognitive processes and intellectual approaches are characteristic of your discipline:*

Kastens, K. A., Manduca, C. A., Cervato, C., Frodeman, R., Goodwin, C., Liben, L. S., . . . Titus, S. (2009). How geoscientists think and learn. *EOS, Transactions of the American Geophysical Union*, 90(31), 265-266.

*Learn more about what employers value:*

Report from workshop on Geoscience Employers Workshop Outcomes:  
[http://www.jsg.utexas.edu/events/files/Employers\\_Workshop\\_outcomes.pdf](http://www.jsg.utexas.edu/events/files/Employers_Workshop_outcomes.pdf)

*Learn more about what critical incidents in the lives of young people turn them towards or away from your field, especially under-represented minorities*

Stokes, P. J., Levine, R., & Flessa, K. W. (2015). Choosing the Geoscience major: Important factors, race/ethnicity, and gender. *Journal of Geoscience Education*, 63(3).