



**Beth Osnes**  
**Inside the Greenhouse**  
**University of Colorado**

# Youth Engagement with Climate through Performance



# Start by watching the 2-minute trailer!

I promise, it will really help the rest of this make sense.

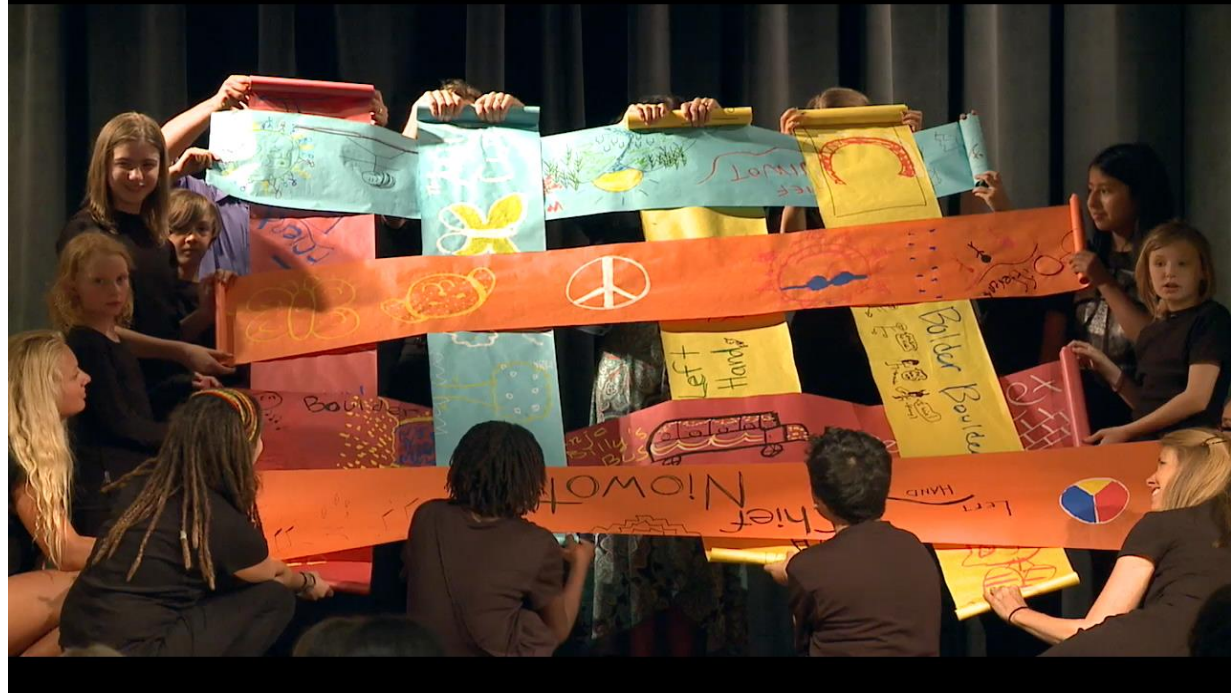
<http://www.insidethegreenhouse.org/shine/index.html>



# The Story: Act 1









# Act 2: Youth-Authored Skits of Local Solutions





# Celebrating with a Final Song- *Shine*



# Created by Beth Osnes, PhD

Associate Professor  
of Theatre and  
Environmental Studies  
University of Colorado,  
Boulder

co-founder and co-director of Inside the  
Greenhouse, a CU initiative for creative  
climate communication



# Artistic Collaborators:

Tom Wasinger, Composer, Three-time Grammy Winner

Arthur Fredric Choreographer, Master Teacher with the National Dance Academy in NYC



# Scientific Collaborators:

**Dr. Paty Romero Lankao, National Center for Atmospheric Research**

**Dr. Joshua Sperling, National Renewable Energy Laboratory**



# Applied Performance

- often non-performers
- non-traditional spaces
- process as important as product
- based on social issues identified as important by the community
- entire performance experience designed to engage

# Youth Performance can inspire a community with hope for climate solutions



# Learning Goals:

- understanding the relationship between energy and climate
- placing the earth's production of fossil fuels and the impact of human-use of fossil fuels into scale within the last 300,000,000 years of geological history
- understanding how our energy-use is impacting climate
- placing all this within the context of human history and human society

# Approach:

- Grounded in science
- Expressed through the arts
- Focused on youth-authored solutions





# Includes:

- embodied learning
- youth empowerment
- civic engagement
- students as authors of knowledge and partners in public display

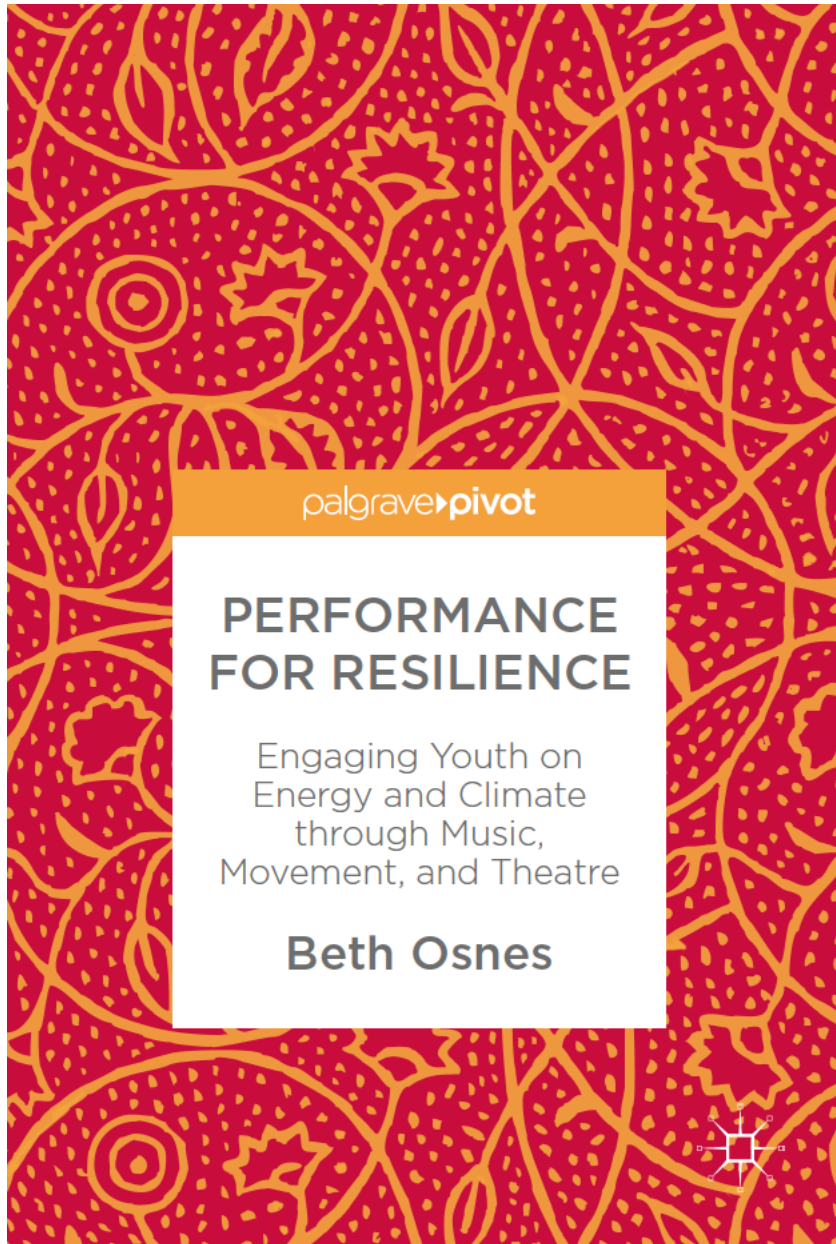


**“fun is a very silly word, but a highly productive state” (Roy Faudree)**



# Tour of Shine





**Recently  
Published:  
Palgrave 2017**  
**<http://www.springer.com/us/book/9783319672885>**  
**lessons learned  
from the tour of  
*Shine***

# Open Source Materials for Using *Shine* to Engage Students and Youth

**Please explore the website**  
**for script, music,**  
**choreography, lesson plans,**  
**properties and costumes!**

- **<http://www.insidethegreenhouse.org/shine/index.html>**

Contact Beth Osnes for advice,  
encouragement, or ideas for using  
performance to engage youth with climate  
and energy: [beth.osnes@colorado.edu](mailto:beth.osnes@colorado.edu)



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Greenhouse**