Georgia Tech
Paths to Social Sustainability
Building a Research, Teaching and Action Agenda for the Southeast

RESILIENCE AND SOCIAL SUSTAINABILITY

9 June 16
Roll on, Columbia, roll on
Roll on, Columbia, roll on
Your power is turning our darkness to dawn
So roll on, Columbia, roll on

Green Douglas firs where the waters cut through
Down her wild mountains and canyons she flew
Canadian Northwest to the oceans so blue
Roll on Columbia, roll on

Other great rivers add power to you
Yakima, Snake, and the Klickitat, too
Sandy Willamette and Hood River too
So roll on, Columbia, roll on

Tom Jefferson's vision would not let him rest
An empire he saw in the Pacific Northwest
Sent Lewis and Clark and they did the rest
So roll on, Columbia, roll on

It's there on your banks that we fought many a fight
Sheridan's boys in the blockhouse that night
They saw us in death but never in flight
So roll on Columbia, roll on

At Bonneville now there are ships in the locks
The waters have risen and cleared all the rocks
Shiploads of plenty will steam past the docks
So roll on, Columbia, roll on

And on up the river is Grand Coulee Dam
The mightiest thing ever built by a man
To run the great factories and water the land
So roll on, Columbia, roll on

These mighty men labored by day and by night
Matching their strength 'gainst the river's wild flight
Through rapids and falls, they won the hard fight
So roll on, Columbia, roll on

Roll On Columbia
Woody Guthrie, 1941
(commissioned by the Bonneville Power Authority)
Resilience and Social Sustainability

- **Alex Karner**, Assistant Professor, School of City and Regional Planning, Georgia Tech
- **Mollie Mahany**, Senior Public Health Advisor, U.S. Centers for Disease Control and Prevention
- **Na’Taki Osborne**, Board Chair, West Atlanta Watershed Alliance
- **Richard N. Wright**, NAE, Chair, Committee on Sustainable Infrastructure Education, American Society of Civil Engineers
- **Bruce Stiftel** (moderator), Professor and Chair, School of City and Regional Planning, Georgia Tech
Socially sustainable development aims to help human and natural communities flourish, now and in the future. It prioritizes equity and human capital development at the individual and community levels. It maximizes community assets, including community-based knowledge, history, traditions, and social networks.

Resilience is the ability to prepare for and adapt to changing conditions and to withstand and recover rapidly from disruptions.
1. Based on your work/experience, what do you see as the relationship between resilience and social sustainability?

2. Share 1-2 concrete, brief examples of how resilient physical or social systems have preserved social sustainability.

3. Share a brief example of how the lack of resilience in a physical or social system has led to degradation of social sustainability.

4. Questions and open discussion.
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(Please wait for a microphone.)