GirlConChicago 2022

TECH + SUSTAINABILITY + ART

16 June

Where Environmental Art, Science and Technology Intersect

Kristin Thielking | University of Wisconsin | USA
Lisa Beth Robinson | East Carolina University | USA
John McCord | Coastal Studies Institute | USA
Mrill Ingram | University of Wisconsin | USA
Shona Paterson | Brunel University | UK
Hester Whyte | Coastal Matters | Ireland
Martin Le Tissier | Coastal Matters | Ireland
Technology makes it possible for artists and scientists to communicate in a more impactful and memorable way by creating immersive, visceral experiences that engage the senses.

To create sustainable futures, one must be a participant. One must be a collaborator. Collaboration is essential for innovation and inherent to wholistic and inclusive design.
Other contemporary artists who are using and innovating new technologies to combat environmental degradation and to raise awareness and educate the public about climate change and what we can do to make a positive impact on both local to an international levels.

Lillian Ball, New York, U.S.A
The goal of the Land Art Generator is to accelerate the transition to post-carbon economies by providing models of renewable energy infrastructure that add value to public space, inspire, and educate—while providing equitable power to homes around the world.
Graphic rendering of CaW Data: Cristina Tarquini of Studio CRTQ
Photogrammetry at the Coastal Studies Institute, NC
Problem Solving – Hi and Low-Tech Solutions
How we define technology: old and new?
Creativity + Data + Application
Installation proposal:
Innovation: Moving forward

Connections with people and information sharing

Sounds – both human stories and natural in-place recordings

Next technologies: CNC machine and sound dome

Plastic pressed wave out of bottles, gathered from local communities.
Planetary Wave Project:
Connections and Community
Planetary Wave Project

Connecting waves and people

It’s about **people**, it’s about **coastal sustainability**, it’s about **changing mindsets**, it’s about **time**

Girls from and at GirlCon 2020
Social justice and inclusion

The conversation is changing and voices are being raised all over the world.

How do we engage with all sorts of people, cultures, beliefs and ideals?

How do we have conversations? What sort of conversations do you want to have?
Using QR codes

Sound files  Videos  Padlet  Website
Examing the Potential of Art-Science Collaborations in the Anthropocene: A Case Study of Catching a Wave
You Matter

Unless you multiply yourself by the speed of light...

...then you energy.