











STEM and the SDGs: Learning core curriculum through experiential environmental science

# "FROM HUMBLE MATERIALS TO DEEP UNDERSTANDINGS"

Join a "STEM and the SDGs: Learning core curriculum through experiential environmental Science, From Humble Materials to Deep Understandings" virtual workshop and learn the essentials of climate, atmosphere, and ocean through hands-on activities and scientific investigations.



Virtual Workshop

## Thursday 16 February 2023 6 PM (Bangkok Time)

9

Facebook Live https://www.facebook.com/SEAMEOSTEMED/

### WORKSHOP HIGHLIGHTS

- Make a basic thermometer to understand heat, differential thermal expansion and understand how simple tools can be used in a BIGGER LONGER STEM investigation/project work
- Investigate air pollution and its effect on cloud formation (learn basic physical chemistry of the gas laws, condensation, which link to global impacts on weather, rainfall patterns, monsoons)
- Understand heat in the atmosphere, investigate how heat drives weather
- Understand heat in the oceans; how ocean currents circulate and affect the world's climate
- Learn the effect of CO<sub>2</sub> on ocean acidification and ocean life
- Investigate the greenhouse effect with simple materials

#### For More Information Please Contact:

Dr. Burin Asavapibhop

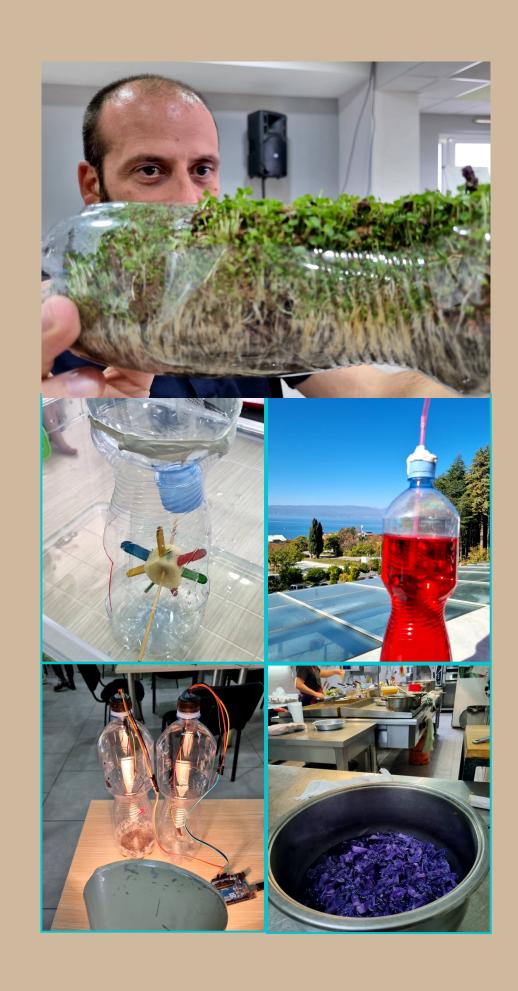
E-mail: burina@seameo-stemed.org

#### **SPEAKER**



DR. STUART KOHLHAGEN PSM

Founder of The Science Nomad Project Former Director of Science and Learning at Questacon - Australia's National Science and Technology Centre



Free Registration!
Click the Link
or Scan QR Code



bit.ly/3GSZwWM