

**CLOSING THE LOOP:  
From Waste To Wealth  
And Clean Energy  
for Sustainable Rural  
Communities**



## Today's Presenters

- **Virginia Kennedy, PhD, WNA's Director of Sustainability Programs & Curriculum**
- **Students from WNA's Environmental Policy & Action Class and Student Environmental Council**

**[www.WNA.org](http://www.WNA.org)**

- **Bill Kilby, Kilby Farm and Creamery**

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# WNA'S CLOSING THE LOOP VIDEO LINK

Full Video:

[Closing the Loop: From Waste to Wealth and Clean Energy](#)

Video Trailer

[Closing the Loop Trailer](#)

# SOURCES FOR THE WNA VIDEO

- <https://www.nytimes.com/2015/06/23/us/politics/effects-of-climate-change-could-cost-billions-epa-report-says.html>
  - \$180 billion in economic losses
- <https://nca2014.globalchange.gov/report/our-changing-climate/sea-level-rise>
  - Sea level has risen 8 inches over the past century
- [https://www.un.org/en/events/desertification\\_decade/value.shtml](https://www.un.org/en/events/desertification_decade/value.shtml)
  - 30 million acres lost per year

# SOURCES FOR THE WNA PRESENTATION

- <http://www.fao.org/save-food/resources/keyfindings/en/>
  - 1.3 billion tons of food is wasted or lost every year)
- <https://www.unenvironment.org/regions/north-america/regional-initiatives/minimizing-food-waste>
  - If food waste was represented as a country it would be the third largest greenhouse gas emitter
- <https://www.sciencedaily.com/releases/2014/03/140327111724.htm>
  - Methane (CH<sup>4</sup>) is 30x more potent than Carbon Dioxide (CO<sup>2</sup>) in our atmosphere

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