

Mezzacello After Dark

A brief tour of Mezzacello after dark after a visit from the Girl Scouts to explore STEM Careers on an urban farm.

Sustainability and Renewables on an Urban Technology Farm

I presented to the Global Innovation Field Trip this Saturday, 7/22/2023. I created a new equation.

VAWT4All Initial Data Collection

A pop up blogpost created by one of my High School interns at Mezzacello. Data collection and models. [Learn more here.](#)

Wind, Data, Interns, and Power In the City

My collaboration with my 17 year old intern studying the data & impact of bus traffic on wind turbines in the city.

My Podcast with The Innovation World Young Collaborators

My first podcast with the Innovation World Young Innovators
Collaboration about #projectMartian

BioDome 2 Power Systems Integration

A quick update on the Biodome 2.0 at Mezzacello. We are
getting ready to integrate power and water reclamation.

BioRenewables Lesson Plans

BioEngineering Camp 2023 five day lesson plans with lesson,
activity, challenge and presentation data. For teacher use at
Mezzacello

Mezzacello in Winter – Animals, Power, and Water

A quick update on power and livestock systems to keep liquid water on hand in winter. I will update this.

Installing a New Solar Array in Photos

A photo essay on installing a complete solar array atop a roof. Tomorrow I will finish wiring it all up and batteries.

Recycling Boxed Wine Bags

Preparing fertilizer with recycled boxed wine bags! Luckily my neighbors can provide plenty of wine bags and serve as testers as well