

CO₂ Mineralization for *in situ* Storage and *ex situ* Enhanced Metals Recovery



PlantMadeWorks

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June Medford holds a PhD from Yale University and is a Professor in Colorado. She is a world leader in Plant Synthetic Biology. She pioneered technology where plants are empowered with computationally designed sensors, and digital-like controllers. Recently her team has developed technology enabling green plants to desalinate seawater and is currently funded by ARPA-E to scale this technology to capture carbon and provide relevant and impactful source of freshwater.

*Phytodetectors is transitioning to PlantMadeWorks

Technology or focus area

- **Carbon Capture through Synthetic Biology**
 - Carbon-negative self-powering platforms that enable production of freshwater

Ideas, Interests, Concepts to be Explored

Natural Biological Systems engineered for carbon capture and water production

