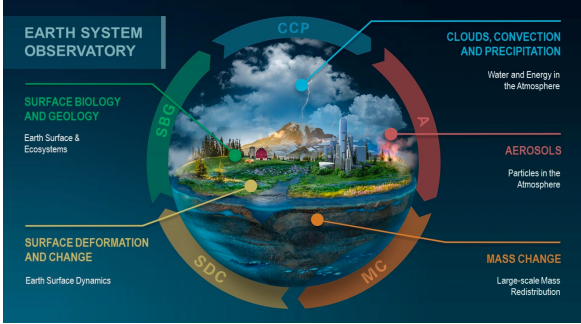


Lesson Plan | Tahani Amer

Agenda	Action
Do Now	The class will discuss what they know about NASA and in particular will be introduced to a few of the missions created by NASA's Earth Science Division, such as the Earth System Observatory (ESO).
Read Aloud	The class will take turns reading the paragraphs summarizing Tahani's life on the website out loud.
Watch Video	Instructor will play video on Tahani Amer for class and answer any questions afterward.
Presentation	The instructor will briefly present slides discussing the life and contributions of Tahani Amer to NASA.
Interactive	<p>The class will engage with some interactives of NASA's Earth Science missions which Tahani contributed to, including the ESO.</p>  <p>The diagram illustrates the Earth System Observatory (ESO) as a central globe surrounded by six interconnected components, each with a color-coded arrow pointing towards the center:</p> <ul style="list-style-type: none"> CCP (Clouds, Convection and Precipitation): Water and Energy in the Atmosphere AEROSOLS: Particles in the Atmosphere MC (Mass Change): Large-scale Mass Redistribution SDC (Surface Deformation and Change): Earth Surface Dynamics SBG (Surface Biology and Geology): Earth Surface & Ecosystems ES (Earth System): The central focus of the observatory.
Discussion	The class will discuss Tahani's legacy as the first muslim woman to reach the executive ranks at NASA and discuss her inspiration as a muslim figure in astronomy and mathematics.