

# BIG IDEA: Promoting Systems Thinking (ST): Education for Sustainability (Efs) in the Philippines

**Solution: Efs changes mindsets that deplete resources without regard for the future; ST develops critical thinking for youth to adapt to an unknown future and be aware about Efs.**

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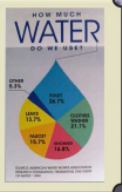
President, OCCI Fullness of Life Foundation and TRAIL-ELIAS PH Fellow 2010

**Fides Manuel Abad and Tess Quiambao**

Consultants, OCCI Fullness of Life Foundation and TRAIL-ELIAS PH Fellows 2014

## CO-INITIATING

**Challenges:** Mental models of apathy, low level of awareness, non-accountability, etc.



The number of Earths we will need by 2030

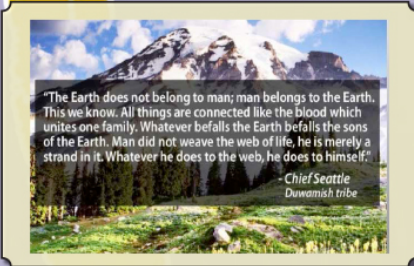
## CO-EVOLVING

**Process:** Prototype ST Modules on Efs for USJ-R High School faculty

USJ-R High School Faculty plot lesson plans integrating Efs and ST in curriculum

Month	Dept.	Topic	Teacher
2014			
June	Science	Water Conservation	Araceli
July		Solving a problem	John & Eric
August	CLP	Unity & Division within the Church	John
September	English	United States Government	John
October	Math	Systems of Linear Equations in two Variables	John
November	Science	Ecological Imbalances	John
December	English	Structure of Sentences	John
January	English	Preposition	John
February	Math	Set Intersection	John
March	Math	Circle Equations in Two Variables	John
April	Mathematics	Circle Area & Circumference	John
May	Science	Electric Circuits in Parallel System	John

## CO-SENSING



## CO-CREATING



## CO-PRESENCING



## Key Learnings

Support of stakeholders crucial; network with other like-minded institutions/individuals