



Lessons from the Amazon for a Sustainable Future

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The image is a composite of two photographs. The left side shows two young girls in a small boat on a river in the Amazon, with dense forest in the background. The right side shows a close-up of a woman wearing safety glasses and a lab coat, holding a test tube with a yellow liquid. The text "From the Amazon..." is overlaid on the left image, and "...to international laboratories" is overlaid on the right image.

From the Amazon...

...to international laboratories

AMAZON JUNGLE SCIENTIST

President of Amazon Research Internacional

Professor at Univ Peruana de Ciencias Aplicadas (2024)

International Ambassador of the Ashaninka

National Geographic Explorer



For a list of scientific publications, visit Rosa's Google Scholar Profile (Rosa Vásquez Espinoza, Ph.D.)

Photo Ana Sotelo



EMBRACING SUSTAINABILITY

Modern
world

Ancestral
knowledge



Photo Ana Sotelo

SUSTAINABILITY

A woman with dark hair and a bindi on her forehead is reaching up to touch a cluster of red, spiky fruits hanging from a tree branch in a dense, green forest. The scene is captured in a low-angle shot, emphasizing the height of the tree and the woman's reach. The background is filled with vibrant green leaves, creating a sense of a healthy, thriving ecosystem.

“To meet our present needs without compromising the ability of future generations to meet their own needs”

Photo Ana Sotelo

BALANCE

GENERATIONAL
EQUITY

NATURE

LONG-TERM
VISION

RESOURCE
MANAGEMENT

LESSON 1: RECONNECT WITH NATURE

Video Ana Sotelo



LESSON 1: RECONNECT WITH NATURE

Amazonian
stingless bees

Photo Ana Sotelo



MEDICINAL BEES

Medicinal honey that treats
over 14 illnesses, including
COVID-19

Delgado C. and Espinoza R.V. 2023. *Food and Humanity*. doi.org/10.1016/j.foohum.2023.08.017
Delgado C. et al. 2023. *Ethnobiology Letters*. 14(1) 1-9.

Photo Ana Sotelo

WE PROTECT WHAT WE LOVE

Legally
recognize
stingless bees in
Peru for the
first time



Law N. 26305

Photo Luis Garcia

HUMANITY AND NATURE ARE NOT SEPARATE

Think nature, think human

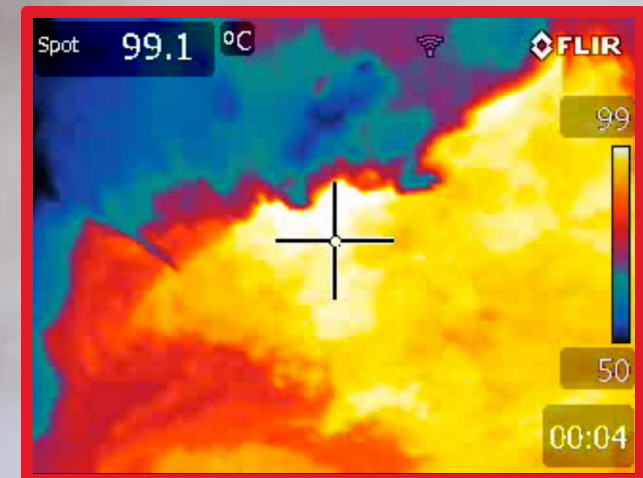
Photo Stéphanie King



LESSON 2: BE THE VOICE OF NATURE



The Boiling River in the Peruvian Amazon



INHOSPITABLE EXTREMES

Thermophiles (extreme microbes)

BE COURAGEOUS AND ASK QUESTIONS



Espinoza R. V. et al. **2023**. *Manuscript in progress*.

Espinoza R. V. and Sherman D. H. **2020**. *Synthetic and Systems Biotechnology*. 5(2) 97

Photo Lucas Fiat

BE AN ACTOR OF CHANGE



Small action



Medium action



Big action

LESSON 3: ALLY WITH TECH



Delgado C., Espinoza R. V., et al. 2019. *Ethnobiology Letters*. 10(1) 120-128

Photo Maria Espinoza

LESSON 3: ALLY WITH TECH

Tech will become the planet's biggest ally

Photo Brenda Rivas

WE ARE NATURE

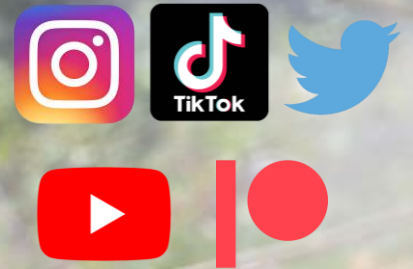
Reconnect

Voice

Ally

Photo Ana Sotelo





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