

It was a warm summer morning when i first visit WESC , and it was one of the most wonderful and interesting field visits to an NGO I ever done .

the secret behind the uniqueness of WESC is not the place where they are located although its located in a midst of an active and verdant olive plantation located on the desert road between the ancient Giza Pyramids and the world famous Library of Alexandria. Learning occurs in a tranquil, relaxed, and safe atmosphere in comfortable eco-friendly buildings powered by the wind and sun. the secret lies in the diverse and unique activities they offer , they present a field-based immersion learning environment. Visitors from all over the world gain first-hand, hands-on experience in Egypt's ecological, agricultural, and industrial environments.

They also learn how sustainable development can be achieved in the Arab World through the application of scientific principles and environmentally friendly practices. The entire curriculum is integrated with international and Egyptian standards for science education from Kindergarten through Adult learners

WESC was founded by team leader and visionary Lynn Freiji and is situated on the Wadi Foods Farm amidst the olive groves at Kilo 54 on the Alexandria Desert Road. Wadi Foods was established by the Freiji and Nasrallah families in 1982 and today Lynn and Tony Freiji and their three children live near the WESC demonstration grounds .

WESCs goal is to complement what is currently taught to Egyptian students in environmental science. We achieve this by working directly with classroom teachers to integrate WESC lessons with existing curricula. Our students develop an understanding of the existing environmental challenges facing Egypt and potential scientific solutions to sustainable management of our natural resources.

one of their most recent programs in this field is " Water Education and Awareness for Egypt's New Generation" which includes the following

- 1) Assess the current water curricula offered in Egyptian schools. Identify successful components, barriers to learning, and needed improvements. Revise and finalize WESC water curriculum.
- 2) Identify partner organizations with similar environmental science or education goals. Identify other groups setting good examples in water education or practice, as demonstration models.
- 3) Develop "Water Awareness Aids" as teaching and educational tools for village schools

The Wadi Environmental Science Centre (WESC) is a place where visitors can work directly with organic gardens, composting, wildlife rescue, domestic farm animals, and renewable energy systems. It is an opportunity to bring science to life in meaningful and empowering ways.

The Wadi Environmental Science Centre (WESC) is the product of many minds and even more pairs of hands. We are a "sustainable development" and "industrial ecology" demonstration and training center dedicated to improving science



education

and fostering technology transfer so that Egypt can build a robust technical culture: a culture that can "imagine" a bright future with environmentally sound economic growth.

WESC is a non-profit, field-based immersion learning environment. Visitors from all over the world gain first-hand, hands-on experience in Egypt's ecological, agricultural, and industrial environments. They also learn how sustainable development can be achieved in the Arab World through the application of scientific principles and environmentally friendly practices. The entire curriculum is integrated with international and Egyptian standards for science education from Kindergarten through Adult learners. The Wadi Environmental Science Centre brings learning to life by making learning relevant again. The Wadi Environmental Science Centre is nestled in the midst of an active and verdant olive plantation. It is

located on the desert road between the ancient Giza Pyramids and the world famous Library of Alexandria. Learning occurs in a tranquil, relaxed, and safe atmosphere in comfortable eco-friendly buildings powered by the wind and sun. The Wadi Environmental Science Centre is a place where visitors can work directly with organic gardens, composting, wildlife rescue, domestic farm animals, and renewable energy systems. It is an opportunity to bring science to life in meaningful and empowering ways

WESC is staffed by an international team of educators, scientists, students from Egyptian Universities, and local journeymen, tradesmen, agricultural, and industrial workers. WESC was founded by team leader and visionary Lynn Freiji and is situated on the Wadi Foods Farm amidst the olive groves at Kilo 54 on the Alexandria Desert Road. Wadi Foods was established by the Freiji and Nasrallah families in 1982 and today Lynn and Tony Freiji and their three children live near the WESC demonstration grounds

Wadi Environmental Science Centre, you'll find:

- Unique learning experiences in authentic field environments
- Collaborative, cooperative, hands-on, "classroom without walls" learning
- A place where children learn by experimenting, discovering, and asking questions about problems in environmental science and sustainability
- Exciting and creative programs for children through field activities and on-site practical experiences
- A way to integrate programs with school curricula and to enhance local school teaching methods for science and environmental studies
- Thematic interdisciplinary concepts for schools to help with school activities