Remineralize the Earth

...better soil, better food, and a better planet.

III Congresso Brasileiro de Rochagem, November 8 - 11, 2016, Pelotas/Rio Grande do Sul, Brazil
Remineralization is a Paradigm Shift: From Scarcity to Abundance

A Blueprint for a New Earth

Remineralization utilizes finely ground rock dust and sea-based minerals to restore soils and forests, produce higher yields and more nutritious food, and store carbon in soils to stabilize the climate.
Remineralization is a Paradigm Shift: From Scarcity to Abundance

Impacting Health and Healthcare

1965

Today

Nutrient Density

On average, you would need to eat 5 apples a day to equal the same nutrition as 1 apple in 1965.

Now imagine producing as much as 2-4 times the increased yields for agriculture while at the same time enhancing the nutrient quality of the food we eat.

Source: Changes in USDA Food Composition Data for 43 Garden Crops, 1950 to 1999
Donald R. Davis, PhD, FACN, Melvin D. Epp, PhD and Hugh D. Riordan, MD
Glacial rock dust produced **65 bushels** of corn per acre, compared to **25 bushels** per acre from other local farms – with no irrigation.

Increases in nutrients compared with the same type of corn grown with chemical fertilizers nearby.

RTE is Facilitating the Paradigm Shift and Movement

We facilitate a worldwide movement that brings together gardeners and farmers, scientists and policymakers and the public to create better soils, better food and a better planet.
RTE is Facilitating the Paradigm Shift and Movement

Local Projects: Educational Models, Community Projects, and Research

Class research project of Paulo Freire Social Justice Charter School
Dr. Thomas Goreau, weighing the harvest to get the yield.

Professor Stephen Herbert, with Brix Meter indicating nutrient density.

http://remineralize.ning.com/groups

University of Massachusetts

New Harmony Farm CSA
RTE is Facilitating the Paradigm Shift and Movement

International Projects

CUSAN - Cuba Delegation

Heifer International - Sahel region, Senegal

Monserrat's Volcanic Ash in Barbuda

Bahia Research Project -- UnB, dryGrow Foundation, RTE
Basalts, Granites, Sedimentary rocks are locally available. A small portable rock crusher is currently being developed that is ideal for community stakeholder projects.
We Need to Remineralize on a Larger Scale

Remineralization of the world's soils and forests will dramatically increase carbon sequestration and is crucial to stabilizing the climate.
The University of Copenhagen in Denmark has embarked on a 3-year project in Greenland to study glacial mud use for remineralizing depleted soils and creating food security in the tropical regions.
A Need for Convergence

Research Policy Making

Grassroots Movement

Commercial Activity

Remineralize the Earth
Our Vision: Working With You

International Projects
Research Projects
Research Database
Advocate for Agroforestry Model
Portable Rock Crushers
Our Vision: Working With You

Our research database online is dedicated solely to remineralization.

Byrophites and soil acidification effects on trees: the case on sudden oak death.
Lee F. Klinger

Saving dying oaks using rock dust
Explore RTE’s Geotherapy Book and Blog

Geotherapy: Innovative Methods of Soil Fertility Restoration, Carbon Sequestration, and Reversing CO2 Increase is a guide to policy-making and practical steps to restore severely damaged ecosystems.

It contains new research studies with comprehensive data showing the benefits of rock dust and biochar.
Our Vision: Working With You
Partners Moving Forward

**Research**
- Agrogeologists
- Agronomists; Soil Scientists
- University Agricultural Researchers
- United States Geologic Survey
- Dept. of Interior

**Industry and Technology**
- Mining and Aggregates
- Soil and Ag Amendments
- Manufacturers and Distributors
- Biofuels and Biochar Manufacturers
- Biofuels technology developers
- Transport and Logistics
- Finance

**Policy**
- International Development Agencies United States
- Department of State (USAID)
- United Nations

Remineralize the Earth
World Recognition for Remineralization

Major Art Installation

Glacial Rock Flour Garden, Palace of Versaille
Olafur Eliasson. 2016
Photo courtesy: Anders Sune Berg. neugerriemschneider, Berlin; Tanya Bonakdar Gallery, New York
© 2016 Olafur Eliasson.
Thank you!

CONTACT US

Reinmineralize the Earth

Joanna Campe
Founder and Executive Director
jcampe@remineralize.org

V. Miranda Chase
Director-Research Database
Vmiranda.chase@gmail.com

www.remineralize.org