

GEORGI CHERTKOV

FOUNDER / ENVIRONMENTAL SCIENTIST / AGRICULTURE & CARBON MARKETS

Environmental scientist and agricultural specialist with a strong background in policy and economic analysis. Founder of OffsetMap and NomadSwipe, combining climate and carbon-market knowledge with applied research, data visualization, React Native and web development.

georgichertkov@gmail.com linkedin.com/in/georgichertkov offsetmap.com Tucson, AZ / Remote

EXPERIENCE

Founder & Full-stack Developer SEP 2025 - PRESENT

NOMADSWIPE / REMOTE / REACT NATIVE

- Own the full product: strategy, design, mobile app, backend, recommendation logic, maps, releases and maintenance.

Founder MAR 2023 - PRESENT

OFFSETMAP / SELF-EMPLOYED / REMOTE

- Lead product development, maintenance and strategy for a carbon-offset data web application.
- Manage complex datasets, evolving standards, registry information and credit-retirement data.
- Build with Python, JavaScript and SQL; create maps and visualizations and work with stakeholders.

Environmental Scientist / Biostatistician II MAR 2024 - JUN 2026

BIOSPHERE 2 / UNIVERSITY OF ARIZONA

- Designed and managed carbon-market research and assessed carbon-methodology testing opportunities.
- Built avsinfronteras.org and salsav.org with interactive maps, graphs, networking and research tools.
- Translated technical information for researchers and stakeholders and contributed to academic work.

Expert SEP 2020 - MAY 2022

HIGHER SCHOOL OF ECONOMICS / MOSCOW

- Produced policy reports on emissions markets, carbon pricing, carbon farming, agriculture and transport.
- Analyzed agricultural firms and ag-tech startups and provided applied research for policymakers.

Future Policy Award Intern MAY 2019 - SEP 2019

WORLD FUTURE COUNCIL / HAMBURG

- Researched and co-wrote 12 of 26 policies evaluated with IPU and UNDP.
- Interviewed experts and co-authored work on agroecology and digitization.

Masters Student FEB 2019 - SEP 2019

WORLD FISH / MYANMAR

- Surveyed 39 aquaculture farmers and informants; coordinated multi-partner fieldwork.
- Performed financial, cost-benefit and investment analyses using household data.

CORE EXPERTISE

Carbon markets / Carbon pricing / Agrivoltaics / Carbon farming / Regenerative agriculture / Agroecology / Climate science

RESEARCH & ANALYSIS

- Policy and market analysis
- Cost-benefit and investment analysis
- Survey and field research
- Project design and management
- Scientific and stakeholder communication

TECHNICAL

React Native / Python / JavaScript / SQL / Flask / Leaflet / Plotly / Dash / Chart.js / Interactive maps / Data visualization

EDUCATION

M.Sc., Environmental Protection & Agricultural Food Production

University of Hohenheim, 2019

B.S., Earth Science (Earth Systems)

B.S., Environmental Studies
UC Santa Barbara, 2007 - 2012

Thesis research with WorldFish on smallholder aquaculture productivity in Myanmar.

SELECTED IMPACT

3+

YEARS LEADING
OFFSETMAP

2+

YEARS AT BIOSPHERE
2

12

AWARD POLICIES
RESEARCHED

39

FARMERS SURVEYED