

Zoï Environment • Annual Report

2010



• Zoï 2010

What do you do when you are very good at your job, recognised as brand leaders, inundated with demands for work, yet snared in the coils of international bureaucracy – coils which have the best of intentions, but which demand increasing amounts of time and energy? The answer, if you are Zoï Environment, is to take a deep breath, jump off the mother ship (in this case the UN Environment Programme's Norwegian colleagues, GRID-Arendal), and hope very hard that people will still want what you have to offer.

It's a gamble. In Zoï's case, it's a gamble that's working better than any of us dared to hope two years ago when we severed our formal links with the UN system. Note that word "formal". We wanted to stay on good terms with our many friends who remain within it, and we are delighted to find that they are asking us increasingly often to work with them in different ways. International agencies for which we have worked since Zoï's birth include not only GRID but also UNECE, UNCCD, &c &c...

We are still working with our friends and former colleagues., and with a growing number of other people as well. As our portfolio grows we are receiving ever more requests from new contacts, so much so that we have recruited several new partners recently, either as staff members or consultants.

So was it worthwhile to strike out as independents? Yes, in our view. We can concentrate on doing the things we are good at and want to do, and we do not have much bureaucracy to cope with at the end of the day. It's understandable that publicly funded organisations like the UN should have to be very careful to explain what they do and why they do it. Zoï receives no public funding at all, and life is in some senses much more precarious than it was. But with that element of risk we have also gained something really valuable – a degree of flexibility that allows us to work with our clients much faster and more responsively than used to be possible.

There's a lot to be said for flexibility – so much, in fact, that we sometimes think, in our more headlong moments, that the world really does need more Zoïs. Our British friends are fond of telling us how the English fleet managed in 1588 to overcome their Spanish enemy. By this account, the Spanish vessels outgunned the English, whose smaller ships nevertheless had the crucial advantages of speed and manoeuvrability, which finally carried the day. Our Spanish friends tend to see history in a different light. Whoever is right, the flexibility Zoï now enjoys gives us opportunities we lacked before. Small – and precarious – is often the effective way to get things done.

Alex Kirby, Lewes, East Sussex,
March 2011

• Environmental Policy

Zoï adheres to “green” values in the way we run our operations: in simple words we walk our talk. Our environmental policy focuses on six thematic areas: production, procurement, resources, waste, travel and personnel.

Unsurprisingly, the vast amount of our climate footprint comes from - inevitable - air travel. The 213,068 kilometres zoï staff and associates travelled by air emitted a total of 20.68 tonnes of CO₂, which we have compensated through a Gold Standard project. The certification of Zoï as a climate-neutral organization is underway.



zoï@biketec, Huttwil, October 2010

• Financial Statement

Financial Statement 2010 (in CHF)

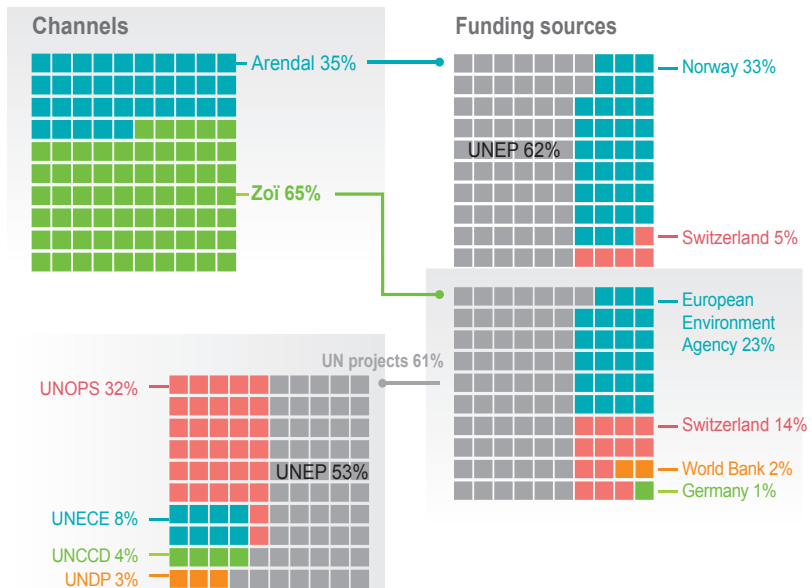
Operating revenues

Operating revenues*	1'721'304.-
Total operating revenues	1'721'304.-

Operating expenses

Project direct expenses	721'657.-
Project work in progress	309'717.-
Personnel costs	607'513.-
Other operating expenses	82'416.-
Total operating expenses	1'721'304.-

Zoï Environment Funding Sources 2010



• Mercury & Mining

Khaidarkan Mercury

Since 2008, Zoï is involved in addressing issues of primary mercury mining in Kyrgyzstan. With the on-going global process towards a convention on mercury, Khaidarkan as the last exporting mercury mine on Earth remains an anachronism. We are supporting the Government of Kyrgyzstan and the international community in finding solutions. In 2010, despite instability and unrests, we were able to organize two round tables in Bishkek addressing environmental issues and promoting alternative investments in Khaidarkan. Activities around an action plan to eventually phase out mercury mining in Khaidarkan are expected to resume in spring 2011.

To show the global dimension of Khaidarkan zoï has produced a world map of mercury trade for the second meeting of the international mercury negotiations in Chiba, Japan in January 2011.



www.unep.org/hazardoussubstances/Mercury/InterimActivities/Partnerships/SupplyandStorage/PrimaryMercurySupplyProject/tabid/3547/language/en-US/Default.aspx

Zoïmap: Mercury trade in the world





Tailing dam safety. Mining and environment in the Western Balkans

Balkans

Our mining activities in South Eastern Europe were featured at the UN CSD meetings in New York in May with the launch of the book Mining and Environment in the Western Balkans, an animated movie and an interactive map. The Aluminium sludge incident in Hungary in October 2010 showed clearly how important this preventive work is, addressing risks in the Balkans and elsewhere.



www.envsec.org/see/docs/MiningBalkans_screen.pdf
www.envsec.org/movies/mining_movie_embedded.html
www.envsec.org/see/maps/zoi-2010-11-08/index.htm

• European Environment

Shared Environmental Information System for Europe's neighbours

The Shared Environmental Information System (SEIS) is Europe's initiative to modernize and simplify the collection, exchange and use of environmental data and information. Initially implemented in the European Union, the approach is gradually being tested by Europe's eastern and southern neighbours. Zoï, together with the Austrian Environment Agency and an IT group Eau de Web in Romania supports the European Environment Agency (EEA) in implementing SEIS in the 16 countries of Eastern Europe, the South Caucasus (in association with REC Caucasus), the Balkans and in the Mediterranean region. A friendly and productive meeting of the countries in Brussels in November 2010, organized by EEA with our support, opened doors for introducing SEIS into individual countries, depending on their needs and situations. Visits to all the countries will be organized throughout 2011.



www.eea.europa.eu/about-us/what/shared-environmental-information-system



European Neighbourhood: East meeting South at SEIS consultations in Brussels, November 2010



Migration and Tourism: SOER2010 Global Megatrends

Assessment of global megatrends

Europe's environmental challenges are constantly reshaped by global patterns such as demographics, technologies, trade, and consumption. Hence the relevance for European environmental policy-making of this exploratory assessment in a unique global-to-European perspective. The assessment analyzed 11 global megatrends, and summarized the links between global processes and Europe's environment both textually and visually. Zoi and GRID-Arendal were fully responsible for the graphical production, and also helped EEA formulate key messages of the report.



www.eea.europa.eu/soer/europe-and-the-world/megatrends

• Environment & Security

Amu Darya

The Amu Darya river has attracted international attention because of the Aral Sea crisis and its large hydropower, irrigation and water engineering projects. Under the Soviet Union experts warned of the disastrous effects of rapid, massive development of cotton monoculture in Central Asia. The shrinking of the Aral Sea and the increasingly poor environmental conditions alerted policy-makers in the surrounding region to the need for urgent action to mitigate the sea's disappearance and the resulting socio-economic disaster. In the past 20 years various international conferences and missions by national and international experts have described the deteriorating environmental and socio-economic situation, especially in the Amu Darya delta region.

Together with Uzbekistan, Tadjikistan, Turkmenistan - and also Afghanistan - Zoï has facilitated the environment and security assessment process of the Amu Darya basin. This five-year engagement for the ENVSEC initiative has resulted in a well illustrated synthesis report to be launched in early 2011. This work has clearly shown how certain environmental problems, even if corroborated by hard scientific evidence, are not always easy to accept by the participating governments, if security concerns are at stake. Through this work we have learned to be patient and persistent at the same time, both dealing with the governments in the region and with too accomodating international organizations.



www.envsec.org/centasia/index.php#pub

Environment and Security Assessments in other regions

Environmental problems can be of concern for security both between but also within countries. Addressing these risks has been at the heart of Zoi's work providing support to the ENVSEC initiative implemented by a consortium of international organizations on Europe's borders: South Eastern Europe, Eastern Europe, Caucasus and Central Asia. Through innovative methodologies for mapping the risks we have contributed to ENVSEC's flagship assessments with wide recognition throughout the region and world-wide. In 2010 our work focussed on assessments of the Amu Darya, the Donetsk region Coalfield, Crimea Taking Land, Central Asian Glaciers, Mining in the Balkans, Cities in the Caucasus and other smaller, more technical assessments.

Amu Darya: Patterns, Boundaries and Flows



• Zoï Report - Zoï Photos

Middle East

As a follow-up of last year's assessment of Environment and Security in the Southern Mediterranean, Zoï has conducted – in cooperation with CIMERA, a Geneva based think tank - a mission and a rapid assessment of Jordan's environment and security situation. A complex geopolitical situation confronted with increasing water scarcity makes the country particularly vulnerable to climate change and other long-term environmental trends, which, if not solved may aggravate the situation dramatically.

➡ www.medsecnet.org



Water level indicators in Ziglab dam near Al Aziyya in northern Jordan
Photography: © Paolo Pellegrin / Magnum Photos

Taking Land Crimea 2010

Alban Kakulya, a renowned Swiss photographer, travelled to Crimea where he documented the environment and life of its inhabitants, including the resettled Crimean Tatars. The exceptional, deeply moving pictures are presented in a book entitled Taking Land - Crimea 2010, a co-production between Zoï Environment Network and the London-based publisher Foto8. Throughout 2011 the photos will be shown at exhibitions in Geneva, London, Simferopol and New York. With this, we want to extend visual communication of environment and security issues beyond just assessments, maps and graphics.



www.foto8.com/new/online/news/80-foto8-news/1318-new-book-to-be-published-by-foto8-in-january-2011
www.albankakulya.com/main/index.html



Taking Land: Crimea 2010

• **Zoï year 2010**
outputs & events

**Tashkent, Bishkek,
Dushanbe:**
TEIA Central Asia

**Climate Change
in Central Asia:**
(English, Russian)

Vienna:
office
opening

J
January

Tashkent:
CAREWIB
Central
Asia,
Caucasus

A
April

New York: CSD
mining workshop
and launch of Balkan
report

M
March

**Global
Hazardous
waste
movements:**
Graphics

**Greening
Cities
in Eurasia:**
Indicators

M
May

F
February

Donetsk region:
State-of-environment report

**Dniester
River:**
Monitoring
feasibility study

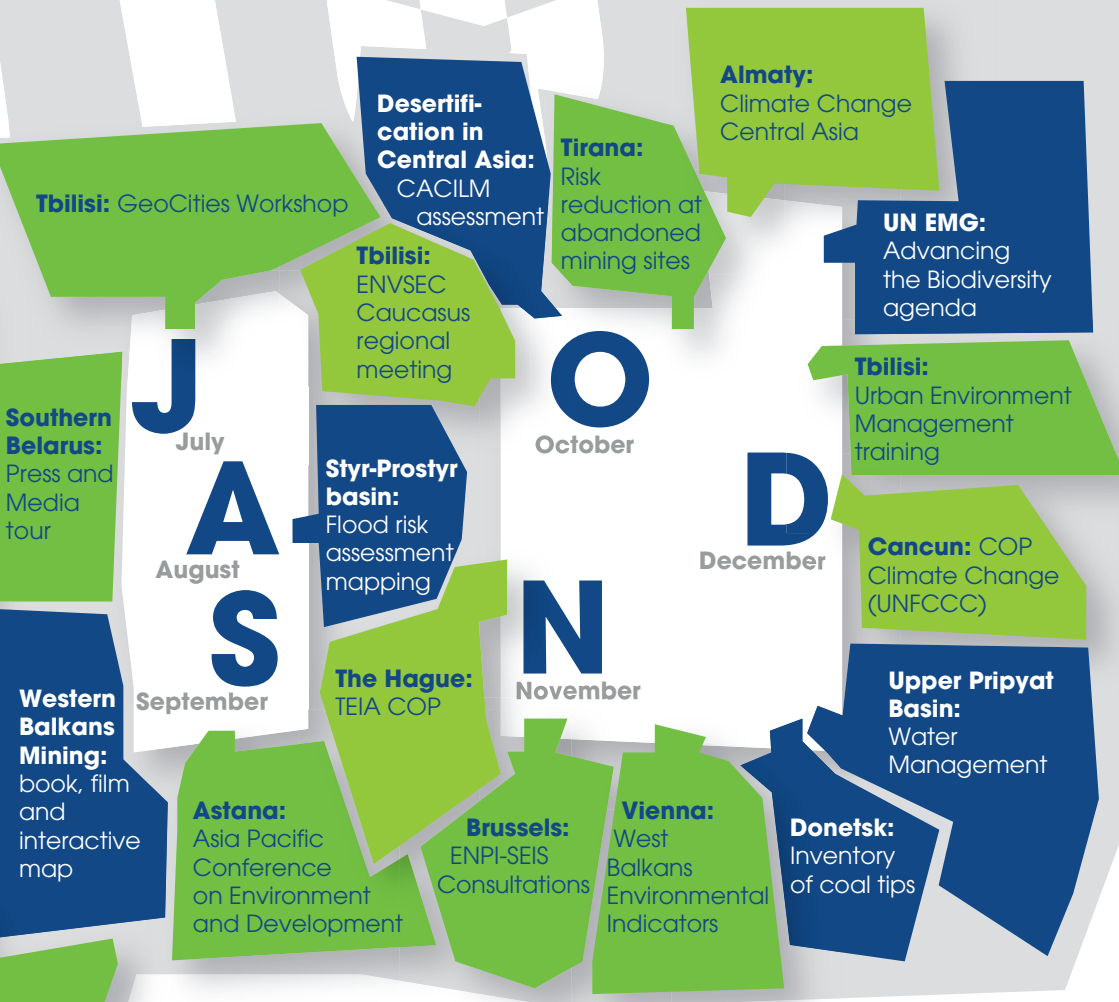
J
June

Almaty:
Glaciers
and Climate
Change in
Central Asia

Stockholm:
Global
negotiations
on
Mercury



2010





• Zoï Books •

Publications produced in 2009-11 by Zoï staff and associates for the United Nations, GRID-Arendal and a growing community of readers world-wide.

Available on www.zoinet.org

NEW BOOKS •



Advancing the Biodiversity Agenda
121 p. English
UNEP, WCMC, 2010



Mining and Environment in the Western Balkans
106 p. English
UNEP, ENVSEC, 2010



Global Megatrends The European Environment
89 p. English
EEA, 2010



Jordan
The Environmental Challenge and Security Debate
22 p. English
Zoï Report 2011



Amu Darya River Basin
Environment and Security
98 p. English, Russian
UNEP, ENVSEC, 2011



Coalland - Faces of Donetsk
43 p. English
UNEP, ENVSEC, 2011



Transforming risk into cooperation : Environment and Security

Series of regional assessments in South Eastern Europe, Southern Caucasus, Central Asia and Eastern Europe.

Central Asia and South Eastern Europe (2003)

Southern Caucasus (2004)

Ferghana Valley (2005)

Eastern Europe (2007)

Eastern Caspian (2008)

Amu Darya (planned 2011)

ENVSEC (UNEP, UNDP, UNECE, OSCE, REC, NATO), GRID-Arendal Geneva office (now Zoï) 2003-09; English, Russian

PREVIOUSLY PUBLISHED •



Southern Mediterranean

Environment and Security
52 p. English,
MEDSEC Zoi 2009



Khaidarkan mercury

Addressing primary mercury mining
in Kyrgyzstan,
34 p. English, UNEP Zoi 2009



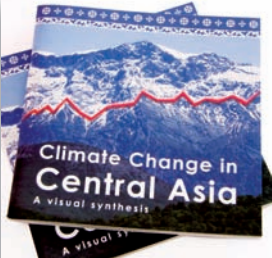
Vital Balkans

84 p. English
GRID-Arendal, ENVSEC 2007



Climate in Peril

A popular guide to the latest IPCC reports
60 p. English, Norwegian, French, Italian
UNEP, GRID-Arendal, SFT, Zoi 2009



Central Asia

A visual synthesis of Climate Change
80 p. English, Russian (2010)
Zoi, Swiss Government 2009



Vital Ozone 2

The Climate link
46 p. English
UNEP, GRID-Arendal, Zoi 2009



Climate Neutral UN

The UN system's footprint
140 p. English
UNEP, GRID-Arendal, Zoi 2009



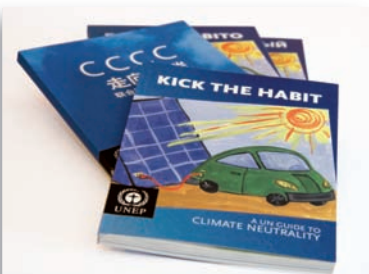
Zoi'topia

Graphical experiments and variations to
visualize the limited resources available to
mankind Zoi and Gestaltung Manuela
Pfrunder 2009.



Vital Waste 2

48 p. English
UNEP, GRID-Arendal 2006



Solutions : Kick the Habit

What YOU can do : countries,
regions, cities, companies to
mitigate and adapt to climate
change. 200 p. English, French,
Spanish, Chinese, Arabic, Russian,
Portuguese, Japanese, Polish

UNEP EMG, GRID-Arendal, Zoi
2008-09

• Zoï & friends

@zoinet.org

otto.simonett

Climate change, visual communication, the East and the Mediterranean.
Director; PhD, geographer and creative thinker

nickolai.denisov

Environment and security, water, energy, impact of information,
Eastern Europe. PhD, geographer and mathematician

claudia.heberlein

Cities, Vital Graphics, waste, climate, efficiency.
Geographer and urban planner

jasmina.bogdanovic (Vienna)

Renewable energy, environmental indicators, Balkans.
Oil-petrochemical and renewable energies engineer

viktor.novikov

Climate change, natural disasters, Central Asia.
Physical geographer and climatologist

christina.stuhlberger (Amsterdam)

Mining, metals and minerals, Vital Graphics, Zoï films
Environmental engineer

zurab.jincharadze (Tbilisi)

Geographical information systems, environment and security, water, Caucasus
geographer and environmental management

valerie.pelle

Administrator

carolyne.daniel

Graphic designer

@zoiboard

Susan **Boos**, journalist, Wochenzeitung, Zürich (President)

Janos **Pasztor**, Executive secretary, Global Sustainability Panel (GSP), New York

Jeremy **Wates**, Secretary-General of the European Environmental Bureau (EEB), Brussels

@zointerns

Yann **Demont**, geographer, Geneva

@grida.no

We remain closely associated with friends and colleagues at our mother institution GRID-Arendal.

@minizoi

Emilia (daughter of Viktor) added to the growing flock of children reminding us of our responsibilities we have towards future generations.



@ssociates

Alban **Kakulya**, photography, Geneva
Aleh **Cherp**, sustainability and energy analysis, Lund
Alex **Kirby**, environmental journalism, Lewes
Alexey **Yaroshevich**, hydrology and monitoring, Kyiv
Ari **Mäkelä**, water quality, Helsinki
Azer **Garayev**, conservation biology, Baku
Bardhyl **Shushku**, mining and communication, Tirana
Christian **Störzer**, web design and interactive communication, Vienna
Denis **Sokolov**, water information and GIS, Tashkent
Dragan **Gjorgjev**, environmental information, Skopje
Ella **Ivanova**, urban environment, Moscow
Emmanuelle **Bournay**, cartography, Crest
Fikret **Jafarov**, environmental management, Baku
Firuza **Illarionova**, water cooperation, Kabul
Florian **Krautzer**, climate, Vienna
Hanna **Hopko**, environment and health journalism, Kyiv
Harry **Forster**, technical and commercial translations, Grenoble
Irena **Melnikova**, mining and climate, Kyiv
Iskander **Beglov**, water communication, Tashkent
Ivan **Ignatiev**, environment and health, Bender
Kanybek **Isabaev**, environmental information, Osh
Karen **Landmark**, environmental communication, Tromøya
Karl **Kast**, dam engineering, Karlsruhe
Ken **Davis**, geology and mercury, Washington
Konstantin **Titov**, GIS and environmental information, Minsk
Lesya **Nikolayeva**, ecology, geography, Yaremche
Ludmila **Gofman**, environmental information, Chisniau
Luigi de **Martino**, political science, Geneva
Lusine **Taslakyan**, PR, Yerevan
Maria **Libert**, graphical design, Stockholm
Matthias **Beilstein**, cartography, Schaffhausen
Narin **Panariti**, environmental information, Tirana
Natalia **Golovko**, environmental information, Moscow
Oksana **Volosko-Demkiv**, environmental information, Kyiv
Oksana **Yakovenko**, chemical engineering, Washington
Oleg **Lystopad**, media and communication, Kyiv
Pasi **Rinne**, innovative solutions for sustainability, Givirns
Philip **Peck**, mining and industrial engineering, Lund
Svein **Tveitdal**, environmental diplomacy, Arendal-Froland
Tamara **Mitrofanenko**, environment, mountains and security, Vienna
Vahagn **Tonoyan**, water management, Yerevan
Valentin **Bogdetsky**, mining geology, Bishkek
Vicken **Cheterian**, research and journalism, Geneva
Vladimir **Korneev**, hydrology and flow modelling, Minsk
Wladyslaw **Senn**, environmental science, Fribourg



The Geneva-Based Zoï environment network is a new answer to some stubborn old questions. An international non-profit organisation, Zoï's mission is to reveal, explain and communicate connections between the environment and society.

