# Wetlands International Annual Review 2009







### From the CEO

Through our work and despite our work, Wetlands International witnesses the continuing loss and degradation of wetlands driven by the overwhelming pressures for the development of land and water resources for food and energy production. River systems, such as the Paraná in Argentina, are suffering increasing fragmentation and channelization. The industrial encroachment into the intertidal mud flats of the Yellow Sea continues at an alarming and impressive pace, causing globally recognisable declines in some waterbird populations. The integrity of Africa's major wetlands such as the Okavango, the Sudd and the Inner Niger Delta are all threatened by major water diversions - and consequently, the globally significant biodiversity they support and the "lifeline" role they play for some of the poorest pastoralist and fisher communities, hangs in the balance. The world's increasing demand for energy brings new threats to fragile wetland environments, for example through biofuel production and the mining of oil sands and shales. While the world has been debating how to minimise and adapt to the long-term threats that will result from climate change, these direct wetland losses continue to result in very tangible and concerning impacts on biodiversity and human well-being.

Wetlands International acknowledges the need for development and does not take a protectionist position over wetlands and their resources. However, we do take a stand against poorly chosen and poorly planned development schemes that, due to insufficient attention to the full range of wetland values and services at stake, benefits the few and leaves society as a whole much poorer. You can see from the Achievements section of this Review that during 2009, we were quite successful at bringing attention to some critical facts and stimulating efforts to mobilise wetland conservation and restoration. In this work we portray wetlands as critical assets containing precious resources, rather than unclaimed wastelands. For example, in the high altitude peatlands of China and the lowland peatswamp forests of Indonesia the communities, governments, aid agencies and finance institutions commenced large-scale initiatives to upscale our demonstration projects to reverse the degradation caused by drainage.

The Copenhagen climate summit in 2009 did not fulfil our hopes to bring wetlands into the mainstream of investments for climate mitigation and adaptation.

Jane Madgwick **Chief Executive Officer** 



proposals in the draft texts for a new global climate deal, national policy changes and new investments to conserve and restore carbon-rich wetlands.

As we are in the process of the mid-term review of our ten year Strategy, the organisation is mindful of the need to work closely with our allies and to reach out and communicate effectively with those sectors whose strategies and investments most influence the fate of wetlands. In this respect, the establishment of a Partnership Policy and the further deepening and extension of partnerships, for example with conservation and development NGOs and the private sector, were important steps in 2009. We also established some strong international networks linked with our campaigns on climate change mitigation and our programme on climate change adaptation. Alongside this outreach, we experienced increased media attention, with a 50% rise of unique visitors to our website and a considerable list of people following us on social media (twitter) and via our global newsletter services.

Like the majority of NGOs, Wetlands International has not escaped from the impacts of the economic downturn. While the clear niche for our organisation and growing interest and demand for our knowledge seem encouraging, we recognise our financial vulnerability and some key capacity building needs of our office network. During 2009, we took time to analyse our organisational effectiveness and the institutional development needs that are required to underpin our ambitions. This plan is now being turned into strategic investments in institutional strengthening to help secure sustainable growth and delivery of our programmes in future years.

We look forward to engage our members, donors, stakeholders and partners in helping to shape our future Strategy during 2010, that will culminate in the members meeting in February 2011. We thank you sincerely for your continued support and collaboration, which is needed more than ever.



### Introduction to our organisation

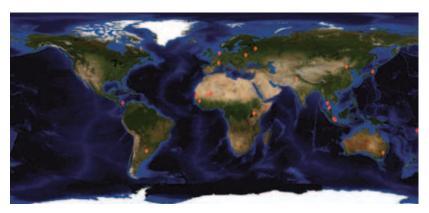
Wetlands International is a global non-profit organisation dedicated to sustaining and restoring wetlands, their resources and biodiversity for future generations. We work through 19 regional offices in over 100 countries, supported by a headquarters based in The Netherlands.

With the support of governmental and NGO members and donors, we promote and demonstrate the positive role that wetlands can play in addressing biodiversity loss, poverty and climate change. Main areas of our work are on fresh water availability, on

disaster risk reduction, on reducing climate change emissions from degraded wetlands, and on biodiversity conservation.

Our work ranges from research and community-based field projects to advocacy with governments, corporations and international policy fora and conventions. Wetlands International works through partnerships and is supported by contributions from an extensive specialist expert network and tens of thousands of volunteers.

Global map of our offices.



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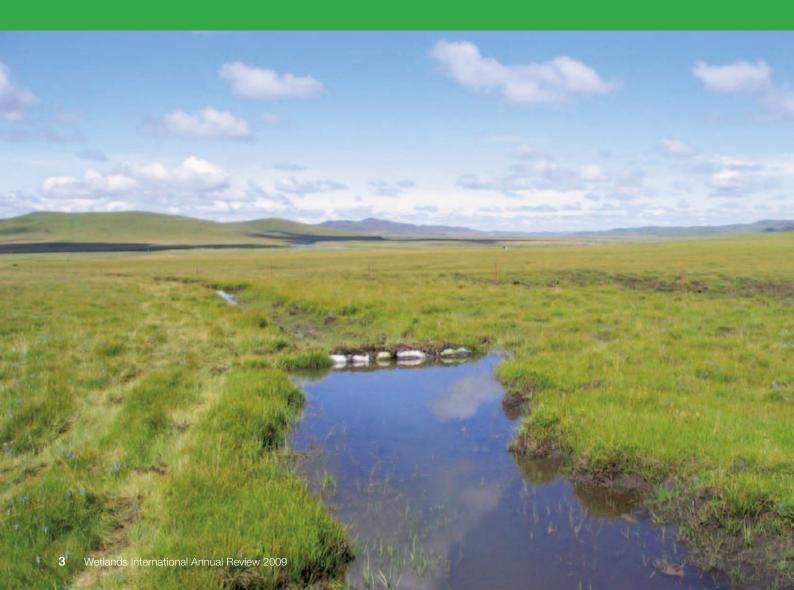
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The Inner Niger Delta in Mali is a floodplain providing livelihoods to one million people and shelter to migratory waterbirds coming from as far as The Netherlands. By Sander Carpay.



We are witness to the continuing loss and degradation of wetlands, with major implications for services like fresh water availability, carbon storage, flood prevention and biodiversity. As the only global NGO devoted to wetlands, we bring attention to the compelling arguments to conserve wetlands, implement restoration and conservation efforts and advocate for action. Working with many partners, Wetlands International makes positive steps to counter these trends, to conserve and restore wetlands. On the following pages we describe those achieved in 2009.

# Wetlands International Global Achievements 2009





Our Indonesia office has decades of experience in mangrove restoration in many of the country's regions. Replanting activities, such as here in Aceh Province, are always done by and with local communities. By Yus Noor.

#### Scaling up successful pilot projects

Actions for wetland conservation on the ground are complemented by advocacy at local, national and international level. This approach is a key element of our work to ensure the sustainability and maximum impact of our work.

Highland peatlands: storing carbon, safeguarding rivers

China's Ruoergai highland peatlands are an enormous carbon and water storage area on the Tibetan Plateau, the source of many of Asia's great rivers. Drainage, peat extraction and over-grazing have caused considerable loss of the organic soil and vegetation cover. This has not only led to the local loss of precious biodiversity and of grazing value but also accentuated water extremes like floods and water shortage in downstream areas. In addition, millions tons of carbon dioxide have been emitted due to the drainage of the peatsoils. Following 15 years of work here, efforts of our China team resulted in the local governments taking action to upscale, improve and replicate our demonstrated efforts to restore degraded peatlands at a landscape scale. The installation of 73 small ditch dams in irrigation gullies raised the water level in the marshes, which has reduced water loss and controls gully erosion.

The development of the Ruoergai Plateau Conservation Strategy, facilitated by our China team, brought together the Provinces, Counties and stakeholders from across the plateau to ensure that the Ruoergai will be fully restored to maintain these important functions. In the Altai Mountains another 10 small dams were installed and the bare peat was revegetated. To ensure sustainability, the Altai Mountain Wetlands Conservation Strategy was developed with local governmental agencies.

Another example of upscaling our field level activities is our experience on restortation of peatswamp forests in Southeast Asia. The Australian-Indonesian Forest and Climate partnership, together with other bilateral and multi-lateral donors (the governments of Germany, Canada, Norway, The Netherlands, UNEP, and the World Bank) have built on our peatland restoration projects, initiating large scale applications. As a result, large deforested and drained areas in for instance Kalimantan (Indonesia) are being restored.

Southeast Asia's mangroves: knowledge sharing

In Indonesia, we have been working on restoration of coastal wetlands since the 1990s, long before the Southeast Asian Tsunami. Continuing our communities-based programme, we planted 60,000 mangrove seedlings in Northwest Java in the Pulau Dua Nature Reserve area in 2009, providing coastal protection and creating good conditions for more than 10,000 waterbirds.

At the policy level, using our experience in mangrove restoration we drafted the Mangrove Action Plan of the Ministry of Forestry. By providing the required input, we facilitated the development of mangrove degradation indicators by the Ministry of Environment. Finally, the Government of Aceh Province adopted 'Green Belt' policies resulting from the Green Coast partnership, led by Wetlands International. Read more on www.greencoasts.org.

### West Africa's mangroves: alternatives to reclamation and fuel wood harvest

West Africa's mangroves suffer from two main threats: they are turned into rice fields and the trees are cut for fuel wood for salt production and fish smoking. In Guinea Bissau, fuel efficient ovens were built to smoke fish. This decreased fuel wood demand by six times per kilogram of smoked fish. Through our

The Ruoergai high mountain peatlands are the origin of many of Asia's great rivers - as they store huge amounts of Himalya runoff water - but they also store vast amounts of carbon. Peatland restoration such as done by our China office is aimed at maintaining these vital functions, in order to prevent downwater flooding and to mitigate climate change. By Marcel Silvius.



These newly installed fish smoking ovens in Canaméne, Guinea Bissau use six times less fire wood per kilogram of smoked fish, thereby significantly reducing the impact of this activity on mangroves, from which the firewood is collected. By Richard DaCosta.

work, salinised coastal rice fields were restored by basic water management techniques, preventing the clearing of mangrove forest to create new ones. Furthermore, over 16,000 mangrove seedlings were planted by local youth groups along the Mansoa River. The youth group in turn received a small grant to help set up a football team and hold a tournament with neighbouring villages.

In Sierra Leone and The Gambia, mangrove forests are cleared for fuel to heat sea water for salt production. Wetlands International introduced solar salt production techniques. These will save many mangrove forests and even generate higher yields of improved quality.

### Improving water management by supporting cooperation

In the Indian State of Orissa, poor water management by different authorities led to the deterioration of coastal wetlands such as Chilika Lake, with serious impacts on nature and the people that depend on their fish stocks. The work of our South Asia team led in 2009 to the government of Orissa (India) creating a State Wetland Authority. All the lake's wetlands are now managed by a single institution; a key step towards the good management of these coastal wetlands and lakes.

A comparable step in improving the management of wetlands was created for a lake system on the Russian and Belarussian border. Thanks to our Russia office, the authorities of the Russian National Park of Sebezhsky and Belarusian Nature Reserve of Osveisky are now cooperating. A 45km tourist water route was created jointly, combining canoeing and walks along ecologically interesting and historic paths.

#### Putting scientific knowledge to work

#### Water management: predicting floods

Development of scientific understanding is a key element of our approach to improve policies and practices. A good example of this is our work in 2009 on flood prediction. Flood prediction capability is key to survival of pastoralists, farmers, and fishers in the floodplains of Mali's Inner Niger Delta. Our Mali team worked with government agencies and hydrologists and engineering partners to develop the Flood Prediction Tool for the Inner Niger Delta (OPIDIN in French), which predicts the timing, surface area and extent of the annual flooding based on simple measurements at key points in the Upper Niger river.

### Advocating climate change policies

In 2009, at the United Nations (UNFCCC) Climate Talks in Bonn, Bangkok, Barcelona and finally the big



Our advocacy at the UN Climate Talks and Copenhagen Conference is based on our research and field experiences in peatland management; this is a dam in Hell's Canal, Central Kalimantan, Indonesia built to increase the water level leading to vegetation regeneration. By Marcel Silvius.

summit in Copenhagen we continued to advocate for policies and measures to adverse the role of peatlands in climate change mitigation. In Barcelona the *Global Peatlands CO\_2 Picture booklet* was presented, showing the shocking peat- $CO_2$  emission figures per country. In Copenhagen, accounting for and reducing the emissions of wetlands became included in draft documents of the UNFCCC leading to a future climate treaty thanks to the support of a growing number of countries ranging from Iceland to Indonesia. The Copenhagen climate summit ended in chaos, but the negotiations on the draft texts with the promising wetland paragraphs continued.

#### Training government officials in West Africa

Our office in Dakar trained West African parliamentarians and locally elected officials in parliamentary diplomacy for climate governance, leading to the signing of a declaration for a joint regional position at the climate conferences and regional policy harmonisation. Furthermore, officials in the vulnerable area of Saint Louis, Senegal are now aware of wetland functions in relation to climate change, such as flood control.

#### Advocating for sustainable biofuels

The issue of peatland degradation and related CO<sub>2</sub> emissions resulting from oil palm plantations on peatlands received significant recognition at the Round Table on Sustainable Palm Oil (RSPO), this

international forum of producers, purchasers and non-governmental organisations includes Wetlands International working on criteria and a certification scheme for sustainable palm oil. In 2009, the RSPO adopted our resolution to investigate and develop possible solutions for existing plantations on peat, including the option of restoration.

By bringing together our knowledge about carbon dioxide emissions from peatlands we provided the world with a shocking picture of the impact of agriculture on drained peatsoils; with palm oil cultivation in the tropics as a most alarming case. Partner NGOs such as Greenpeace have been using our information for their campaigns and forced big multinationals and financial institutions to stop investing in and buying palm oil that was produced on peatlands.

### Saving biodiversity through research, restoration and alternative income sources

Wetlands are home to 40% of the world's plant and animal species and wetland habitats function as breeding grounds, feeding grounds and shelter to an enormous variety of animals. Through wetland conservation work, Wetlands International aims to conserve and better manage wetland habitats of all types, and additionally we target efforts to particular species.



Awareness raising by our China office on Black necked cranes in order to limit disturbance and protect their habitat. These are ringed Redcrowned Cranes (*Grus japonensis*) for a survey in their wintering sites in Dashanbao Nature Reserve in Yunnan Province China. By Chen Kelin.

#### Saving the West African Manatee

Following on from past efforts to bring conservation attention to the West African Manatee (*Trichechus senegalensis*), our Africa team coordinated the rescue of 5 manatees that had become trapped in the Senegal River Valley. Three of them were tagged with satellite and radio tracking devices, to better understand the migration routes of these little known animals, as part of regional monitoring and research. Working with partners such as the Senegal River Basin Authority and fishermen's associations, an effective manatee surveillance strategy was developed, which ensures their inclusion in Environmental Impact Assessments for future infrastructure construction.

Read more: www.afrique.wetlands.org/manatee

#### Waterbirds indicating wetland importance

The International Waterbird Census (IWC) increased its coverage in North Africa and the Middle East with more counters and countries, and strengthened overall coordination. In total, some 35 million waterbirds were counted at over 10,000 sites in over 100 countries worldwide in the winter of 2009, involving some 15,000 volunteers. New key sites for migratory shorebirds were identified in southern South America on the basis of the Neotropical Waterbird Census data by our Argentina team. As a result of our work monitoring waterbirds and other wetlands related species, we showed the crucial role of the Sourou floodplain in Mali. As a result, this floodplain will be designated as the second Ramsar site of Mali. Designation as a Ramsar site means that the Malian government commits itself to the site's conservation and sustainable use.

Saving species through supporting livelihoods
Hunting and land conversion for development are
major contributory factors to the decline of waterbird
populations. By improving the income opportunities
of families, we diminish these activities. In Dashanbao
Nature Reserve, Yunnan Province, China working with
local communities we reduced levels of disturbance

in the wintering sites of the Black-necked Cranes. 40 methane-generating pits in the peatlands provide sustainable energy for their greenhouses. Similarly, in Biharugra, Hungary the Wings over Wetlands project (WoW) demonstrated how aquaculture pond restoration improved the conditions for waterbirds but also stimulated the local economy.

#### Disappearing, rare and re-appearing fish

A study conducted in the Inner Niger Delta reported that according to fishermen, among the hundreds of fish species respectively 15 seem to have disappeared and 10 have become rare. To counter these trends, natural fish ponds were restored through reconnecting them to the main river generating benefits for both biodiversity (reappearance of species) and for food security. Restoration work coordinated by our Japan office in the Gyotoku National Wildlife Protection Area in Tokyo Bay resulted in the return of rare and endangered benthic species such as gobies. This work received the award of excellence from its donor, the Foundation of River & Watershed Environment Management.



The West African Manatee (*Trichechus Senegalensis*) is a migratory marine mammal which can get stuck in its voyages due to dam infrastructure; here one example is ready for relocation to another part of the Senegal River. By Wetlands International Africa.

## Wetlands and the Copenhagen summit

For many conservation, environment and development organisations the United Nations Climate Summit in Copenhagen was the major event of 2009. Wetlands International participated in the Copenhagen Summit and five pre-meetings of the Contracting Parties. Despite the summit's failure to come to a new agreement, promising elements are now anchored in the draft texts.

The final Copenhagen Accord was a great disappointment for all those concerned with climate change. Nevertheless, the process of building a joint global effort to tackle the climate problem will continue and the draft texts on the issues that concern us include very promising elements of our proposals.

#### Our starting point: no attention for wetlands

Until Wetlands International started its campaign after the Bali Climate summit in 2007, wetlands were not mentioned at all in UN climate policies or in drafts for the negotiations for a new climate deal. The only land use issue that had received attention was the emissions caused by deforestation. Possibly none of the negotiators knew that the worlds' wetland peat soils contain twice the amount of carbon as all the worlds' forests and are responsible for 5-10% of all global emissions. Equally wetlands have a much higher potential in helping communities adapt to likely climate change impacts. This lack of awareness means that wetlands were omitted from climate policies that were developed in previous years and the emissions caused by their degradation have not been accounted for or addressed in other ways.

### **Advocacy leading to success**

In recent years this situation has improved considerably. The Wetlands International climate change team was very visible at convention meetings, organising and/or attending side events and exhibits, maintaining direct contacts with negotiators and working effectively through NGO networks.

As a result, the role of wetlands for climate change mitigation and adaptation is now understood and, importantly, incorporated in the draft texts of a new climate deal. We managed to add wetland management as an activity that is included in greenhouse gas accounting mechanisms for developed countries. Our lobbying has strengthened the opportunity that developing countries will be able to broaden the deforestation reduction scheme (REDD) to unforested wetland areas.



Wetlands International advocating the peatland and carbon emissions message at its stand and side event at the UN Climate Conference in Copenhagen, December 2009. By Susanna Tol.

#### A global campaign, based on sound science

Our success in getting wetland issues addressed in the UN FCCC's policies is a good example of how we combine our knowledge base with advocacy and communications. Building on many years of work on peatlands in various parts of the world, Wetlands International was able to get the issues on the agenda and to supply the negotiators with the right information at the right moment. We worked together with Greifswald University (Germany) to produce several, authoritative, scientific reports on issues regarding peatlands and greenhouse gas emissions.

Our work on climate change in 2009 was also an example of a global campaign which involved many of our offices. The policy officer from the Africa Office joined the headquarters team at many meetings. Our China office worked with the Chinese government to hold a one-day conference on wetlands and climate change, involving the Chinese delegation to Copenhagen. Our Argentina office briefed their delegation and our Indonesia office highlighted the Indonesian delegation the benefits that would follow from having a regulation in the Climate Convention to address the loss of peat soils in a regulation.

#### Promising step; still a long way to go

Of all the multilateral environmental agreements, the UN climate convention is by far the most far reaching and the most binding. As a result, the process of agreeing new policies is a thorough one, likely to take several years. In view of this, it is encouraging that some key elements of our proposals are now included in the draft texts of a new climate deal; even though these texts are still far from perfect and even though their impact depends on an effective global climate deal on greenhouse gas emissions being reached.



### Projects 2009



#### **GLOBAL (The Netherlands)**

#### **LIVELIHOODS**

#### **Wetlands and Livelihoods Project (WLP)**

The project aims for inclusion of wetlands in national and international climate change adaptation and mitigation policies, improvement of water management policies of river catchments areas and coastal wetlands. This is achieved through field demonstration projects, policy advocacy and capacity building work in Latin America, Africa, Asia and Oceania. See below a detailed description of the project in the different continents. Read more at: www.wetlands.org/wlp

Donor: Netherlands Ministry of Foreign Affairs (DGIS)

#### **Global Peatland Fund (GPF)**

Development of a Global Peatland Fund or similar mechanisms to promote reduction of greenhouse gas emissions from land use and land-use change. Read more at: www.wetlands.org/gpf

Donor: Netherlands Ministry of Housing, Spatial Planning & the Environment (VROM) - Subsidies for Civil Society Organisations and Environment (SMOM)

#### **BIODIVERSITY**

#### **International Waterbird Census (IWC)**

This long-term monitoring programme uses count data collected every year by around 15,000 voluntary experts in over 100 countries involving all our offices and our Specialist Groups. The data feed into the tri-annual publication Waterbird Population Estimates (WPE), produced on behalf of the Ramsar Convention on Wetlands, and are also used as a basis of waterbird and wetland conservation by other international bodies. Read more at: www.wetlands.org/iwc Donor: United Kingdom Joint Nature Conservation

Donor: United Kingdom Joint Nature Conservation Committee (JNCC)

#### **Wader Atlas**

This project of several years produced in 2009 'An Atlas of Wader Populations in Africa and Western Eurasia' and was carried out with the support of our expert network, including the Wader Specialist Group.

Read more at: www.wetlands.org/waderatlas Donor: Flemish Ministry for the Community

#### **New FluBird Project (NFB)**

We created a Network for Early Warning of Influenza viruses in migratory birds in Europe. Wetlands International provides data and expertise on high risk bird species, coordinates surveillance in high risk sites and build capacity for monitoring waterbirds.

Read more at: www.wetlands.org/ai and

www.new-flubird.eu/

Donor: European Commission

### Global Avian Influenza Network for Surveillance (GAINS)

Wetlands International provides data on waterbirds (International Waterbird Census - IWC), to implement and coordinate surveillance in Egypt, Nigeria, Ukraine and India, together with our offices in Malaysia, India, Senegal, Ukraine and Argentina, to build capacity for monitoring waterbirds and to coordinate waterbird ringing activities in Asia

Read more at: www.gains.org

Donor: United States Agency for International

Development (USAID)

#### Task Force on Avian Influenza and Wild Birds

Wetlands International provides technical input to the task force that develops, amongst others, an early warning system on outbreaks of Avian Influenza (highly pathogenic H5N1).

Read more at: http://www.aiweb.info/

Donor: Convention on Migratory Species (CMS) and the African-Eurasian Waterbird Agreement (AEWA)

### Improving understanding of roles of wild birds in epidemiology of Avian Influenza

In order to monitor a possible role wild birds in epidemiology of Avian Influenza, we conducted sampling and surveillance activities of wild birds in Turkey in 2009 with activities in Egypt, Bangladesh and Sudan in early 2010 and developed a monitoring and surveillance programme along the Asia-Pacific flyways.

Donor: Food and Agriculture Organisation of the United Nations (FAO)

#### **FLYWAYS**

#### Wings over Wetlands (WoW)

This project improves the conservation of African-Eurasian migratory waterbirds by assisting countries to conserve key wetland areas. The project identifies the critical network of wetland sites for migratory waterbirds, trains people, shows good management via demonstration projects and raises awareness about the conservation of migratory waterbirds and the wetlands they use in 119 Asian, European and African countries along the African Eurasian Flyway. See below for detailed information on our work in Europe, Africa and the Mediterranean region. Read more at: www.wetlands.org/wow

Donor: Global Environment Facility (GEF), African Eurasian Waterbird Agreement, (AEWA), German Federal Agency for Nature Conservation (BfN), Sweden: Environmental Protection Agency, Danish Ministry of Environment and Energy, Ministry of Environment and Sustainable Development, France, Swiss government Agency - Bundesamt für Umwelt, Wald und Landschaft (BUWAL)

#### Contribution to African-Eurasian Waterbird Agreement (AEWA)

Technical and organisational support is provided to the African-Eurasian Waterbird Agreement (AEWA), covering 235 bird species depending on wetlands and 118 countries.

Read more at: www.unep-aewa.org

Donor: African-Eurasian Waterbird Agreement (AEWA)



#### **Follow the Bird!**

The Follow the Bird project demonstrates the migration route and the crucial wetlands for purple herons in Africa and Europe. We have equipped these birds with satellite-transmitters, whose migration can be followed online at: www.followthebird.org.

Donor: Shell

#### Review of CMS and non-CMS existing administrative/ management instruments for migratory birds

A global review of Convention on Migratory Species (CMS) and non-CMS existing administrative and management instruments for migratory birds to identify priorities and opportunities for future agreements.

Donor: Convention on Migratory Species (CMS)

#### WATER MANAGEMENT

### Guidelines on agriculture, wetlands and water resource interactions project

To develop guidelines for contracting parties of the Ramsar Convention on Wetlands on how to balance the needs for agriculture and food provision from wetlands and other supporting services. Wetlands International provides case study materials and helps to develop some of the key livelihoods concepts to underpin this work. Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV), Food and Agriculture Organisation of the United Nations (FAO) - Netherlands Partnership Programme (FNPP)

### Netwerkplaats on wetlands, water and sanitation (WASH)

A joint project between Wetlands International and the Netherlands Water Partnership to support a position based at Wetlands International to develop initiatives and projects under the theme of wetlands, water and sanitation.

Read more at: www.wetlands.org/wetwatsan Donor: Netherlands Partners for Water (NWP)

#### KNOWLEDGE BASE

#### **Database on all wetlands of the Ramsar list**

Making the Ramsar Sites Information Service and underlying Ramsar Sites Database available to the public and enhancing it as a tool for guiding further designation of wetlands for the List of Wetlands of International Importance and public research and assessment. The information is available online at:

http://ramsar.wetlands.org

Donor: Ramsar Convention on Wetlands

#### AFRICA

### Simlemba Sustainable Catchments and Wetland Management Project, Malawi

To assist and train communities in the Dambos (wetlands) for lasting poverty reduction and improved resilience to the expected climate change scenarios for Malawi, particularly the Kasungu District.

Read more at: www.wetlands.org/simlemba

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project)

# Integrated Approach to Wetland Management in the Kimana area of Amboseli Ecosystem in a Changing Climate, Kenya

To preserve the Kimana Wetlands facing increased water use from newly established farmers and from climate change. This case is used to advocate for national policies on the management of Kenyan wetlands. Read more at: www.wetlands.org/amboseli Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project.

# Support development of climate change adaptation policies and community resilience through building knowledge on mangrove ecosystem services in Guinea Bissau

To develop a knowledge base on the linkages between mangrove ecosystem services and climate change adaptation in Guinea Bissau and support the development of adaptation policies, land use planning and initiatives that increase community resilience.

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project.

#### Supporting wetlands wise use and conservation in Senegal

Support of policy, communications and organisational engagement in Senegal to support the government in the implementation of wetland-linked commitments under international conventions.

Donor: Embassy of the Kingdom of the Netherlands in Dakar

### West African Marine and Coastal Biodiversity Network (BIOMAC)

The building of an information network of West Africa's biodiversity amongst governments, NGOs and other institutions, to improve the effectiveness of different coastal species and wetland conservation activities. A central portal (www.biomacnetwork.org) builds and shares the gathered knowledge, used for ecological surveillance, capacity building, advocacy for better policies and research.

Donor: Regional Coastal and Marine Conservation Programme for West Africa (PRCM) Basket Fund (Embassy of the Kingdom of the Netherlands in Dakar, MAVA Foundation, AECID)



### Integration of freshwater biodiversity in development

Water resource managers and environmental planners from dam authorities, governments and NGOs are provided with information on freshwater biodiversity for integration into development activities throughout Africa. It includes biodiversity surveys and a demonstration project in The Gambia River.

Donor: European Union through the IUCN Species Survival Commission (SSL)

#### **West African Mangrove Initiative**

In six West African countries sustainable production alternatives are introduced to local communities to prevent further mangrove degradation, restoration activities through replanting and a regional Mangrove Charter and country-specific Action Plans are developed to preserve the remaining mangrove forest and assure their sustainable management in this sub-region. Read more at: www.afrique.wetlands.org/mangroves Donor: MAVA Foundation

#### **Conservation of the West African Manatee**

Implementation of the he Regional Conservation Strategy for the West African Manatee (Trichechus Senegalensis) in sixe West African countries. The project includes habitat restoration, research, policy advocacy, cooperation with stakeholders (e.g. fishermen associations, dam authorities), training on monitoring, surveillance and putting systems in place to rescue trapped manatees. Read more at: www.afrique.wetlands.org/manatee and www.tsenegalensis.org

Donor: Regional Coastal and Marine Conservation Programme for West Africa (PRCM) Basket Fund (Embassy of the Kingdom of the Netherlands in Dakar, MAVA Foundation, AECID)

#### **Strengthening Coastal Wetland Initiatives within the Framework of PRCM**

Development of wetland management programmes for the coastal zone of West Africa (Mauritania, Senegal, The Gambia, Guinea Bissau, Sierra Leone, Guinea) and the incorporation of the programmes into policy and communications activities.

Donor: MAVA Foundation

#### **Pilot Project for Coastal Zone Management in Sierra** Leone

The government of Sierra Leone is supported with the conservation of marine and coastal resources and biodiversity focusing on establishing the country's first Marine Protected Area, small scale conservation activities, communications and capacity building.

Donor: Regional Coastal and Marine Conservation Programme for West Africa (PRCM) Basket Fund (Embassy of the Kingdom of the Netherlands in Dakar, MAVA Foundation, AECID), FIBA

#### Wings Over Wetlands (WOW)

Activities in Africa of this international project to improve the conservation of African-Eurasian migratory waterbirds by assisting countries to conserve key wetland areas

- A demonstration project for Waterbird monitoring in the Saloum-Niumi transboundary site in Senegal and The Gambia:
- The development and implementation of a strategy for ornithological ecotourism in the Banc D'Arguin National park; Mauritania;
- A demonstration project for Waterbird monitoring in the Nangou-Kokorou, Niger;
- A workshop to indentify regional gaps in the network of wetland sites along the African Eurasian Flyway.

#### Read more at: www.wingsoverwetlands.org

Donor: Global Environment Facility (GEF), African Eurasian Waterbird Agreement (AEWA), German Bundesamt für Naturschutz, Swedish Environmental Protection Agency, Danish Ministry of Environment and Energy, French Ministry of Environment and Sustainable Development, Swiss Bundesamt für Umwelt, Wald und Landschaft (BUWAL), Senegalese Ministry of Environment - Direction des Parcs Nationaux du Senegal (DPN), Department of Parks and Wildlife Management of The Gambia (DPWM), Global Environment Facility (GEF), Parc National du Banc d'Arguin (PNBA), Fondation Internationale du Banc d'Arguin (FIBA), WWF Niger, Ministry of Environment of

#### Important Bird Area conservation and management in **Guinea Bissau**

Conservation and management of Important Bird Areas in Guinea Bissau through monitoring and sustainable livelihoods generating activities.

Donor: Vogelbescherming Nederland (Netherlands Society for the Protection of Birds - VBN)

#### **Conservation and restoration in the Trois Marigots** region of Senegal

Supporting the community managed heritage area in Trois Marigots region of Senegal.

Donor: Fonds Français l'Environnement Mondial (FFEM), Agence Française de Développement (AFD)

#### **Biodiversity Assessment project of the Sourou** floodplain, Mali

Census and characterisation of waterbird species and their habitat characterisation in the Sourou floodplain. In addition, identification of ecological constraints to resident waterbird species, and activities leading to the designation of the floodplain as a Ramsar site. Donor: United States Agency for International

Development (USAID)



#### Enhancing the role of wetlands in integrated water resources management for twinned river basins in EU, Africa and South America in support of EU Water **Initiatives (WeTwin)**

To enhance the role of wetlands in basin-level integrated water resource management (IWRM) with the aim of improving the community service functions while conserving good ecological status in the Inner Niger Delta, Mali.

Read more at: www.wetwin.net/

Donor: European Union Framework Programme 7

#### Sustainable Livelihoods Development in the Niger River Basin based on the experience of the Inner Niger Delta (IND), Mali

To contribute to the implementation of major policies in the Niger River Basin, including the Sustainable Development Action Plan and Investment Plan, Integrated Water Resource Management Action Plans and National Adaptation Programmes of Action, by providing strategic orientations and tools for sustainable development, based on experience in the Inner Niger Delta.

Read more at: www.wetlands.org/ind

Donor: Netherlands Ministry of Foreign Affairs (DGIS); through the Wetlands and Livelihoods Project (WLP)

#### Operational decision support on IWRM in the upper **Niger Basin**

The establishment of operational decision support systems to support water resource planning in the Upper Niger Basin and local livelihood planning in the Inner Niger

Donor: Partners for Water, The Netherlands

#### **Integrated Water resources Management in Ichkeul** Basin taking into account the conservation of Ichkeul ecosystem, Tunisia

Through a local multi-stakeholder water dialogue, the project aims to reach consensus on best water allocations practices for sustainable water resources management for the long-term taking into account all water uses, including ecosystem needs.

Donor: Canadian International Development Agency

#### Capacity building of civil society and water administration of Sebou river basin in Morocco to assess and monitor the ecological status of Sebou river basin

Together with WWF Morocco and the Sebou River Basin Authority the aim is to define, test and validate a monitoring & evaluation system of Sebou surface water ecological status, to develop ecological water quality monitoring tools and hold a feasibility study on transferring existing tools to Morocco.

Donor: Canadian International Development Agency (CIDA)

#### **MIDDLE EAST & CENTRAL ASIA**

#### Integrated water resources management and conservation in the Mujib Reserve, Jordan

Activities to save water quantity and preserve water quality of the Mujib River and its downstream reserve by implementing sustainable agriculture in the catchment; establishing a model farm and working on a more optimal water allocation by the autorities including the Mujib dam management.

Donor: Canadian International Development Agency (CIDA)

#### Wings Over Wetlands (WOW)

Activities of this international project in Central Asia, the South Caucasus and Russia that include the coordination of gap-filling and training surveys in Uzbekistan and Kazakhstan, verification of site data and description and identification of monitoring gaps of wetlands important to waterbirds.

Read more at: www.wingsoverwetlands.org

Donor: United Nations Environment Programme (UNEP) -Global Environment Facility (GEF)

#### **SOUTH ASIA**

#### Support to implementation of Short Term Action Plan on Loktak Lake

Development of a monitoring & evaluation plan for the Management Plan of Loktak Lake, for a water allocation policy in order to balance human needs (hydropower and irrigation) with ecological needs (biodiversity and fisheries).

Donor: Loktak Development Authority Planning Commission, Government of India

#### **Payment for Ecosystem Services for Sustainable** Water Management in Loktak

Development of scoping instruments for Payment for Environmental Services (PES) contributing to sustainable water management in Loktak

Donor: World Agroforestry Centre

#### **Integrated Water Resources Management in** Mahanadi Delta

Through demonstration wetland ecosystem services, as well as networking and communicating to river planning institutions, we strengthen the government's and other stakeholder's capacity for integrated water resources management in the Mahanadi Delta, Orissa, India making wetland ecosystem services the key components of policies on food and water security and adaptation to climate change.

Read more at: http://south-asia.wetlands.org Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project



#### Integrated management planning for Chilika Lake

Development of plan for managing Chilika Lake in Orissa, India in support of the newly created Orissa State Wetland

Donor: Ramsar Convention on Wetlands

#### **Mainstreaming Ecosystem Services into Conservation** Planning for Mahanadi Delta Linking Hydrological **Processes**

Development of the conservation plan for the Chilika-Garimatha-Bhitarkaniaka ecological corridor (Orissa, India) within the Mahanadi Delta.

Donor: Conservation International

#### **Gujarat Forestry Development Project**

Restoration of mangroves in the Gulf of Kutch (India) to improve quality and extent of forests through enhanced management, rehabilitation and protection. This includes sustainable forest management, improved infrastructure, economic activities and diversified income structures, and awareness raising and training on new production techniques.

Donor: Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Japan International Cooperation Agency (JICA)

#### **Monitoring Sites 1000: Inland Waters Survey**

Long-term monitoring of sites representative of the Japan's diverse landscapes, in this case of inland waters. Early detection of changes in the environment can allow for immediate conservation response. The data is available at: http://www.biodic.go.jp/moni1000/index.html Donor: Japanese Ministry of the Environment

### **NORTH ASIA**

#### Monitoring Sites 1000: Coastal waters survey

Long-term monitoring of coastal waters, which include rocky shores, tidal flats, seagrass beds and algal beds. The data is made available at:

http://www.biodic.go.jp/moni1000/index.html Donor: Japanese Ministry of the Environment

#### **Promoting the Ramsar Convention**

Promoting and supporting the conservation and wise use of wetlands in Japan, including summary of conservation activities at Japanese Ramsar sites.

Donor: Japanese Ministry of the Environment

### **Promoting the designation of of new Ramsar sites**

Promoting the designation of 10 new Ramsar sites in Japan by Ramsar Convention COP11 by re-examining criteria and procedures for the selection of potential sites, resulting in an updated list of sites for consideration. Donor: Japanese Ministry of the Environment

#### **Ecosystem network approach for wetland** conservation study

Holistic wetland conservation research based on the landscape ecology approach to conservation, indicating that strong local participation is required for successful

Donor: Japanese Ministry of the Environment

#### **Environmental impact assessment of adding topsoil** on the feeding grounds of shorebirds in the Yatsuhigata National Wildlife Protection Area

In this project, we conducted surveys on shorebirds, benthic (ocean floor) organisms and the problems caused by sea lettuce, studies were carried out on the impact of environmental improvements, such as channels and topsoil addition at this urban Ramsar site.

Donor: Japanese Ministry of the Environment

#### Inventory on cultural and technological aspects of wetlands in Japan

The creation of a draft inventory on cultural aspects of wetlands and their related technologies, conservation and wise use practices at sites throughout Japan, plus the translation of "Culture and wetlands - a Ramsar guidance document" into Japanese.

Read more at: www.wetlands.org/japanmunicipalities Donor: Japan Fund for the Global Environment

#### Citizen-based participatory tidal flat survey methodology

This project used and disseminated the participatory tidal flat survey methodology guidebook and DVD developed by Wetlands International Japan and other specialists. Read more at: www.wetlands.org/tidaflatsurvey Donor: Keidanren Nature Conservation Fund and TaKaRa Harmonist Fund

#### Japan Committee of Ramsar-site Related **Municipalities**

The functioning as wetland information hub to 70 municipalities associated with Ramsar sites in Japan. Read more at: www.wetlands.org/japanmunicipalities Donor: Different Japanse Municipalities

#### Restoration of tidal flat micro-environments for the enhancement of benthic biodiversity

In this award-winning project, the establishment of small channels, tide pools, reed belts and other microenvironments in the Gyotoku National Wildlife Protection Area in Tokyo Bay resulted in the return of rare and endangered benthic (ocean floor) species.

Donor: Foundation of River & Watershed Environment Management

#### **Wetland School Network Programme along the East Asian-Australasian Waterbird Flyway**

The purpose of the project is to promote wetland conservation and wise use among teachers and children in Asian, especially in East Asian and South-east Asian regions through the demonstration and sustainable development of a wetland school network - including exchange visits - in five nations.

Donor: Japan Fund for Global Environment (JFGE)



#### **Enhancing the protection of Black-necked Crane** in Dashanbao Nature Reserve of Yunnan Province through the community involvement and poverty reduction programme

To improve the ecological environment of the Dashanbao Nature Reserve and ensure the protection of the wintering habitat of Black-necked Cranes while improve local community livelihoods through providing fuel and productive alternatives by constructing methane pits for areenhouses.

Donor: Keidanren Nature Conservation Fund (KNCF)

#### Ningbo, Cixi, Zheijang Wetland Center Management **Assistance Project**

To provide ecological and technical advice for the landscape and architectural design of a Wetland Centre. In addition. We supported wetland restoration and water pollution reduction measures in the area.

Donor: World Bank - Global Environment Facility (GEF)

#### **Integrated Management of Wetlands in Ruoergai** Plateau and Altai Mountains to support Biodiversity **Conservation and Sustainable Development Project**

The project focuses on integrated management of mountain peatlands, in the two main regions where these occur in China. The project work in Ruoergai Marshes on the Qinghai Tibetan Plateau and the Altai Mountains in NW China and it will demonstrate practical ways in which biodiversity conservation and provision of ecosystem services can be supported by different economic sectors and local communities.

Read more at page 4

Donor: European Commission

#### Conservation and management of high altitude peatlands of Ruoergai marshes for water security and climate change adaptation

Support the implementation of the Ruoergai High Altitude Wetlands Conservation Stragegy, peatland restoration and community-based livelihood improvement in selected communities, and knowledge base development.

Read more at: www.wetwonder.org/XM\_show.asp?id=231 Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

#### International collaboration for the wise-use of migratory waterbird habitat in the Yellow Sea

To identify internationally important sites for migratory waterbirds in the Yellow Sea Ecoregion by establishing a steering committee for wetland conservation in the Yellow Sea and the development of a national partnership mechanism in China and the Republic of Korea.

Donor: Government of Australia

#### Municipal governance, capacity and social responsibility in wetlands biodiversity conservation: A demonstration in Anqing municipality, Anhui Province.

Advocacy, awareness raising and strategy development on biodiversity conservation and wise use of wetlands and lakes in Anging, China.

Donor: European Union - China Biodiversity Programme (ECBP)

#### **Biodiversity Conservation and Sustainable Utilisation** in Huai Riverhead

Facilitating of the city of Xinyang on integrating biodiversity conservation measures into economic development. In addition, we supported the city's Project Management Office on awareness building.

Donor: European Union - China Biodiversity Programme (ECBP)

#### **SOUTHEAST ASIA**

#### **Green Coast II in Aceh and Nias**

Rehabilitation of coastal green belts such as mangrove forests for resilience and community economic development in areas affected by the tsunami disaster in Aceh, Pulau Simeulue and Nias Island, which occurred in

Read more at: www.greencoasts.org

Donor: Oxfam NOVIB

#### **Asian Waterbird Census in Indonesia (AWC)**

Coordination of the Asian Waterbird Census (AWC), a voluntary annual activity conducted in the 2<sup>nd</sup> and 3<sup>rd</sup> week of January each year since 1987. This monitoring work supports the conservation of waterbirds and their wetland habitats.

Read more at: www.wetlands.org/awc

#### Rehabilitation efforts of Coastal Ecosystems Pulau Dua Nature Reserve and around the Area Buffer Zone, **Banten Province**

Coastal rehabilitation activities combined with environmental education activities and community livelihood development.

Read more at: www.wetlands.or.id Donor: De Kootje Fundatiën

#### **Integrated Development Plan for the Kampung Penarik Mainland Coastal Tourism Development and** Setiu Wetland State park, Merang, Setiu, Terengganu.

Providing input to the authorities for drawing up an integrated and sustainable development plan for the Setiu Wetlands Complex in the East Coast of Peninsular Malaysia.

Donor: Malaysia Government

#### **Habitat Establishment and Biodiversity Enhancement** For Wildlife

The wetlands on the golf course of Kuala Lumpur Golf and Country Club are improved.

Donor: Kuala Lumpur Golf and Country Club

#### **Developing Community Based Mangrove** Rehabilitation

Rehabilitation of abandoned aquaculture ponds with local communities to regain the mangrove ecosystem productivity benefitting their livelihoods.

Donor: Malaysian Ministry of Natural Resources and Environment through the Forestry Department



#### **Sharing Experience for Improving Peatland Management Planning And Practice In Southeast Asia**

First pilot project in Malaysia (Ayer Hitam, Johor, Malaysia) on peatland restoration. via a combination of conservation, restoration and development of livelihood opportunities for local people.

Donor: Ashden Trust

#### Status of Peatlands in Malaysia: CO, Emissions and **Climate Change**

Collate the most recent data regarding land use and land cover on peatlands in Peninsula Malaysia, Sabah and Sarawak in order to show the alarming trend of the loss of peatswamp forests.

Read more at: www.wetlands.org/sarawak

Donor: Embassy of the Kingdom of the Netherlands Kuala

#### An Action Plan for the Peatlands within the Heart of **Borneo in the Context of Rehabilitating Degraded** Peatlands and Reducing CO, Emissions

Building support and advocating policy changes to stimulate rehabilitation and conservation of peatlands for reduction in CO<sub>2</sub> and smog emissions and saving the rich biodiversity of the areas. Developing partnerships between the Brunei, Indonesia and Malaysia to share experiences and develop joint initiatives in conservation and planning.

Read more at: www.wetlands.org/hobactionplan

Donor: British High Commission

#### **Biofuel Quickscan - South East Asia Component**

To identify and analyse the impact on wetlands of the development of palm oil plantations for biofuel feedstocks in Indonesia and Malaysia.

Read more at: www.wetlands.org/biofuels

Donor: Shell

#### **Shell Mawas project**

Management of the Mawas peatland area, Central Kalimantan, Indonesia, involving blocking of a major drainage canal and biodiversity monitoring.

Donor: Shell

#### **Advise to the Indonesian-Australian Forest and** Climate Partnership on peatland restoration in **Kalimantan**

Advising on Central Kalimantan, Indonesia peatland management & restoration, and baseline establishment and monitoring methodologies.

Donor: AUSAID

#### **Reversing Environmental Damage through Community** Focused Sustainable Livelihoods in Ban Don Bay, **Surat Thani Province, Southern Thailand**

Working in partnership with the Ban Don Bay Conservation Network to improve the livelihoods of the coastal communities around the bay, using the Biorights finance mechanism, tailored to each communities' situation.

Donor: IUCN through Mangroves for the Future

#### Community-Based Management and restoration of coastal ecosystems at Tha Kham sub-district, Palian district, Trang province, Southern Thailand

Implement the Bio-rights finance approach in five coastal communities of Tha Kham helping them to establish or expand livelihood activities in return for environmental work such as planting mangroves.

Donor: OXFAM/Novib through Green Coast II

#### **Demonstrating Ecological Mangrove Restoration at** Krabi Estuary

Ecological Mangrove Restoration in an abandoned aquaculture pond at Krabi Estuary to regenerate mangroves by focusing on the hydrology and topography of a site.

More details: www.mangroverehabilitation.blogspot.com Donor: Asia-Pacific Forum for Environment and Development (APFED) / United Nations Environmental Programme (UNEP)

#### **BMZ Project, Ranong Province**

Training on shorebird monitoring and surveying, including topics as the Ramsar Convention on Wetlands, livelihoods and conservation methodology and improvement. Donor: German Federal Ministry for Economic Cooperation and Development through IUCN

#### **EUROPE**

#### Towards integrating wetland biodiversity conservation with water and agricultural management in Ukraine. A pilot project in the South Bug River basin

Integrating wetland biodiversity conservation into water related policies in Ukraine based on ecological network development and civil society engagement in a pilot project in the South Bug River Basin.

Read more at: www.wetlands.org/southbug Donor: Netherlands Ministry of Agriculture, Nature and Food Quality and Netherlands Ministry of Foreign Affairs (BBI-MATRA Fund/Management Programme for International Biodiversity)

#### Regional initiative for Black Sea coastal wetlands (BlackSeaWet)

To establish the strategic regional wetland initiative (BlackSeaWet) for the conservation and sustainable development of Black Sea coastal wetlands.

Read more at: http://blacksearegion.wetlands.org/ Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV) and Netherlands Ministry of Foreign Affairs (BBI-MATRA Fund/Management Programme for International Biodiversity)

#### **Development of a programme for transboundary** wetland conservation along the border of the Russian **Federation with Belarus and Ukraine**

Transboundary cooperation of different governments in wetland conservation is created around the borders of the Russian Federation with Belarus and Ukraine.

Read more at: www.wetlands.org/beluk

Donor: Netherlands Ministry of Agriculture, Nature and

Food Quality (LNV) - BBI-MATRA



#### Creation of a Wetland Centre at the Sebezhsky National Park as a platform for management and public awareness activities

To increase local and regional awareness of the ecological and socio-economic functions and values of wetlands, their conservation needs and sustainable management options through the establishment of a wetland centre at the Sebezhsky Nation Park in Russia and through the development of educational and awareness materials. Donor: Embassy of the Kingdom of the Netherlands in Moscow

# Promotion of wetland biodiversity conservation in the Moscow region of the Russian Federation through the development of a Regional Strategy and Action Plan for Wetlands Wise Use

To support the sustainable use of water resources in the Moscow region by establishing the technical, legal and social conditions for the implementation of an integrated approach of land-use planning based on wetland wiseuse.

Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV) - BBI-MATRA

### The long journey. Demonstrating a practical approach to flyway conservation: a Russian-Dutch collaboration

Elaboration of the Berezovye Islands Management Plan, the organisation of the Bewick's Swan International Action Plan Workshop in St. Petersburg, Russia and a study visit to The Netherlands.

Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV) - BBI-MATRA

#### **Promoting Integrated Peatland Management in Russia**

Building capacity for integrated sustainable development and conservation of peatlands in the Russian Federation by integrating peatland values and functions in the development sector through the establishment of a statutory framework for an annual peatlands assessment, development of integrated planning methodology, and by enhancing knowledge and awareness on functions and values of peatlands.

Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV)

#### **Quickscan of peatlands in Eastern Europe**

This Quick Scan gathered information on the status of peatlands in 11 Eastern European countries and developed recommendations for addressing the key problems. The report published received official recommendation of the relevant authorities of all the countries.

Read more at: www.wetlands.org/peatlandsquickscan Donor: Netherlands Ministry of Agriculture, Nature and Food Quality (LNV)

### Engage civil society in water management in the Southern and Eastern Mediterranean Region

The 'Mediterranean Wetlands for Water and People' project demonstrates ways to improve the water shortage and reduce wetland loss Mediterranean region. A key element for long term ongoing improvement is to empower civil society in participating in decision making on wetland and water issues. The project is directly involved in actions to prevent and decrease degradation of a lake area in Tunisia and of rivers in Jordan and in Morocco. See also below the specific activities in Africa and the Middle Fast.

Read more at: www.wetlands.org/medwetwat Donor: Canadian International Development Agency (CIDA)

#### **Engage civil society in water management in Turkey**

The support of local communities in decision-making processes in Turkey that counter wetland degradation. Donor: MAVA Foundation

#### **OCEANIA**

#### **National Aerial Survey**

The first aerial survey of waterbirds across the Australian continent was designed and executed.

Donor: Australian Government through University of New South Wales

#### Fiji Ecosystem Based Management Phase 2

To demonstrate tropical coastal marine ecosystem management at the Vatu-i-Ra and Cakau Levu Reefs in Fiii.

Donor: Wildlife Conservation Society

#### East Asian - Australasian Flyway Partnership Secretariat

TO provide advice and support the implementation of the Secretariat for the East Asian - Australasian Flyway Partnership in Korea.

Donor: Korean Ministry of Environment, Australian Government - Department of the Environment, Water, Heritage and the Arts

#### **Broadsound Shorebird Surveys**

This project conducted surveys of migratory shorebirds in the remote Broadsound intertidal system in Australia that is subject to coastal erosion.

Donor: Fitzroy Basin Association

### Seasonal waterbird use of nationally important floodplain wetlands, Gulf Plains region

The development of management planning and ecotourism at Mutton Hole Wetlands (Australia) is supported in partnership with government and indigenous stakeholders

Donor: Northern Gulf Resource Management Group



#### Technical advice on ecological character descriptions for Australian Ramsar sites

To provide technical advice to projects that are developing ecological descriptions of Ramsar Sites in Australia. Donor: Australian Government, through State conservation agencies

#### **Great Sandy Strait Ecological Character Description**

Ecological Character Description for the Great Sandy Strait Ramsar site in Australia for the Australian Government

Donor: Australian Government - Department of the Environment, Water, Heritage and the Arts

#### **Shoalwater Ecological Character Description**

Contributing to the Ecological Character Description for the Shoalwater Bay Ramsar site, Australia for the Queensland Government.

Donor: Queensland Environmental Protection Agency through WBM Pty Ltd

#### **Bowling Green Bay Ecological Character Description**

Contributing to the Ecological Character Description for the Bowling Green Bay Ramsar site, Australia for the Queensland Government.

Donor: Queensland Environmental Protection Agency through URS Pty Ltd

#### Review of wetland mapping for the State of Queensland

Wetlands International Oceania provides a detailed technical review of state-wide mapping of wetlands prepared by the Queensland Government, Australia. Donor: Queensland Environmental Protection Agency

#### **Nakauvadra Fish Survey**

Conducting a freshwater fish and stream condition survey in the Nakauvadra catchment in Fiji.

Donor: WWF Fiji

#### East Asian - Australasian Flyway Partnership National **Partnerships**

Meetings with key national stakeholders involved in migratory waterbird and wetland conservation in Thailand and Myanmar to assist the government agencies to join the East Asian - Australasian Flyway Partnership. Donor: Australian Government - Department of the Environment, Water, Heritage and the Arts

#### **Georgina-Warburton Waterbirds Survey**

Working with the University of New South Wales to conduct a major aerial and ground survey of waterbirds of the Georgina - Warburton wetlands, Australia following a significant flood event.

Donor: Australian Government - Department of the Environment, Water, Heritage and the Arts, South Australian, Department of Environment and Heritage, Queensland Environmental Protection Agency

#### **Bowling Green Bay ECD**

Contributing to the Ecological Character Description for the Bowling Green Bay Ramsar site, Australia for the Queensland Government.

Donor: Queensland Environmental Protection Agency through URS Pty Ltd

#### **Madang Lagoon assessment**

Support to the assessment of the environmental condition and local utilization of Madang Lagoon. North Coast of Papua New Guinea.

Donor: WWF - Melanesia

#### **Yellow Sea Workshops**

Working with Government Agencies in China and South Korea on activities for the conservation of migratory waterbirds and their key wetlands in the Yellow Sea. Donor: Australian Government - Department of the Environment, Water, Heritage and the Arts

#### Ramsar Rolling Review - 09

Contributing to a review process of the status Ramsar sites in Australia

Donor: Australian Government - Department of the Environment, Water, Heritage and the Arts through Waters Edge Consulting

#### **Productivity of coral reefs in Papua New Guinea**

Investigation on the protein availability at the coral reefs of Madang Lagoon, Papua New Guinea; in order to show the productivity of natural ecosystems to policy makers at national and international levels

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

### Water quality and Human Health in the wetlands of

Case studies on water borne diseases in relation to pollution in the island river systems of Fiji. The lessons from these studies are communicated to policy makers at national and international levels.

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

#### Investigating the impact of Tilapia aquaculture in Fiji

Building a partnership to managing the risks to wetland ecosystem services in the Pacific Islands from exotic fish introductions, such as from Tilapia aquaculture.

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

### **LATIN AMERICA & THE CARIBBEAN**

#### **Neotropical Waterbird Census Programme (NWC)**

This long-term programme of waterbird monitoring started in 1990 and is based on simultaneous counts developed twice a year in 10 countries of South America.

Donor: Canadian Wildlife Service (CWS)





### Monitoring key sites for grassland shorebird conservation

Within the framework of the partnership with the Alliance for the Grasslands / Birdlife International, key grassland sites for shorebirds are monitored in Argentina, Brazil, Paraguay and Uruguay.

Donor: Alliance for the Grasslands/BirdLife International, Canadanian Wildlife Service (CWS), United States Fish & Wildlife Service (USFWS)

### Identifying key sites for shorebird conservation in South America

This project identifies key sites for shorebird conservation in Argentina, Chile and Uruguay, based on the Neotropical Waterbird Census data of 1990-2007 and other sources of information.

Donor: Western Hemisphere Shorebird Reserve Network (WHSRN)

### Biofuels quick-scan in South America: soy in Argentina and sugar cane in Brazil

A first assessment regarding biofuels expansion and projected impacts on wetland areas in Argentina (soy) and Brazil (sugar-cane).

Donor: Shell

### Maintaining Wetlands and Livelihoods in the Parana Delta, Argentina

This project aims to fight the current degradation of the Parana Delta wetlands (Argentina) by advocating for a good strategic plan for the delta and by contributing to the implementation of a wetland management approach as a basis for food and water security as well as new sustainable livelihood strategies.

Read more at: www.wetlands.org/parana

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

### Conservation of fresh-water fishes within La Plata basin

La Plata basin (Uruguay, Argentina) hosts a remarkable diversity of fresh-water fish, including some threatened species. This project assesses the status and threats to fish, which are the basis for food security of local communities.

Read more at: www.wetlands.org/peces

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

#### Climate change adaptation plan (NAPA) of Argentina

To support the Argentinean government in developing the wetland and water component of the National Adaptation Program for Action (NAPA), as the basis for the consideration of wetlands values and functions for climate change adaptation.

Read more at: www.wetlands.org/pnacca

Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

### Conservation of water resources and biodiversity in rice fields of northeastern Argentina

To generate basic information on aquatic wildlife in rice fields and surrounding wetlands for the identification of biological indicators on the environmental quality and to train rice farmers on a more sustainable agriculture.

Donor: Fondo para las Américas - Argentina

### Integrated Water Resource Management & Livelihoods in Rio Paz (Guatemala & El Salvador)

To develop management and restoration measures for the conservation of livelihoods and key related ecosystems in the lower river basin of Rio Paz (Guatamala, El Savador), strengthening the environmental governance of the basin). Donor: Netherlands Ministry of Foreign Affairs (DGIS); via the Wetlands and Livelihood Project

# Story from our projects: Doña Nicolasa Alvarado del Cid, El Salvador

"Processing fish, drying, salting and selling it is my passion"

"When a great wave came it used to create a pond filled with huge shrimp" in the mangrove area where she lives, remembers Doña Nicolasa Alvarado del Cid from El Tamarindo, El Salvador. Nowadays, in this area on the mouth of Río Paz the big mangrove trees as well as many fish and crustaceans have vanished, and the river turns dry in the summer. Together with Wetlands International, Doña Nicolasa fights to regain the lost ecosystem services, as she says: "Us women, we have to be fighters".

In the 1960's, fish were abundant as she remembers: "My father used to bring in silver mullets, tropical gar, snook, swordfish, shark and many more species". With her husband catching them, Doña Nicolasa dries and sells fish on the market of El Tamarindo in the Achuapán Department. "Work in the household does not satisfy me. Processing fish, drying, salting and selling it is my passion. But things are not like they use to; it's very different now".

In the '70s haciendas (big farms) gradually started occupying the mangroves turning them into cattle grazing and farming land. Mangrove tree extraction





increased with groups of 10 to 15 persons turning the larger White Mangrove (*Laguncularia racemosa*) into firewood or carbon. Ever since then, the mangrove did not regenerate, as the Río Paz carrying fresh water is diverted for irrigation of farmland and now ends up 7 km upstream. This brought along a lot of change, as in the summer heat the Río Paz runs dry at its mouth.

No regeneration of the mangrove forest means no mangrove cockles (*Anadara spp.*), as they need the trees' shadow to develop. This directly affected her livelihoods: "I used to catch some 25 dozens of cockles per day. These were of good size and quantity, but now there are none." Having raised her 7 children from the fruits of the mangrove and sea, their well-being and services directly affect her daily life

Doña Nicolasa is current President of the Artesan Fishermen Cooperative 'Reyes del Sol' in El Tamarindo. With support from the transboundary Río Paz Project in El Salvador and Guatemala of Wetlands International, she works actively in participatory research on wetland ecosystems and their values. Objective is to identify with local communities like hers in El Tamarindo the measures to restore and preserve the mangroves and river estuary. With support from Wetlands International, Doña Nicolasa continues her struggle to maintain her way of life and the cooperative. "Us women, we have to be fighters".

In El Tamarindo, El Salvador Doña Nicolasa is salting and drying fish; her passion. By Eduardo Rodríguez.

## Wetlands International's Specialist Groups

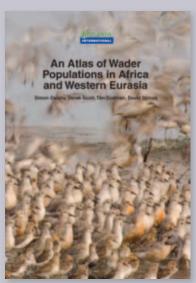
Wetlands International's network of volunteer experts is core to its information gathering, analysis and transformation into knowledge. This knowledge forms the basis for the organisation's advice to governments and for communicating important challenges to our key audiences. Many specialists have work directly with our staff others, especially on waterbirds, specialists are organised in Specialist Groups.

As formal or informal networks of experts, the Specialist Groups provide information and advice in support of Wetlands International's programmes and projects.

#### **Contributions**

The Specialist Groups provided invaluable input this past year to are the publication of the *Status of Waterbirds in Asia - Results of the Asian Waterbird Census: 1987-2007* (see photo). Other examples of contributions are the development of a 2010 Slender-billed Curlew Survey; of a Species Action Plan for the Bewick Swan; and the maintenance of an early warning system for avian influenza (AI) throughout the African Eurasian Flyway.

The Wader Study Group contributed greatly to the success of An Atlas of Wader Populations in Africa and Western Eurasia (the Wader Atlas), published in the beginning of 2009. Indicating the quality of this publication, it won third prize in the 2009 Best British Bird Book of the Year Competition. Read more on <a href="https://www.wetlands.org/waderatlas">www.wetlands.org/waderatlas</a>.



The Specialist Groups' focal point within Wetlands International is Mr. Nicolas Tubbs: nicolas.tubbs@wetlands.org. For more information, see www.wetlands.org/specialistgroups.

### Waterbirds in Asia

#### Status of Waterbirds in Asia - Results of the Asian Waterbird Census: 1987-2007

Wetlands International has combined and analysed the results of twenty years of waterbird monitoring in Asia in the publication entitled *Status of Waterbirds in Asia-Results of the Asian Waterbird Census: 1987-2007*. For the first time using rigorous statistical methods, the publication indicates that four of the eight most numerous dabbling duck species in East Asia are declining, with habitat loss identified as the principal cause.

The species which is identified to be in strongest decline in East Asia is the Mallard *Anas platyrrhynchos*, decreasing around 10% per year over the past ten years. Furthermore, example trend graphs indicate that the Northern Pintail *Anas acuta*, Common Teal *Anas crecca* and Spot-billed Duck *Anas poecilorhyncha* decreased around 1% per year between 1998 and 2007.

The news is not all bad. The Baikal teal (*Anas Formosa*) and Black-faced Spoonbill (*Platalia minor*) in East Asia have increased over the past two decades.

Zuiten Tsukamoto, Director of the Wildlife Division, Nature Conservation Bureau of the Japanese Ministry of the Environment is presented with the AWC publication by Taej Mundkur, Flyway Manager of Wetlands International, at the 4th Meeting of East Asian - Australasian Flyway (EAAF) Partnership in Incheon, Republic of Korea.

By Doug Watkins.



### Publications 2009

#### **Key publications**

#### An Atlas of Wader Populations in **Africa and Western Eurasia**

Simon Delany, Derek Scott, Tim Dodman, David Stroud ISBN 78-90-5882-047-1 Online information: www.wetlands.org/waderatlas For sale: www.nhbs.com

#### Status of Waterbirds in Asia -**Results of the Asian Waterbird** Census: 1987-2007

David Li Zuo Wei, Andrea Bloem, Simon Delany, Georgios Martakis and Jose Ochoa Quintero ISBN 978-90-5882-012-9

Download: www.wetlands.org For sale: www.nhbs.com

#### **Technical reports**

#### **ENGLISH**

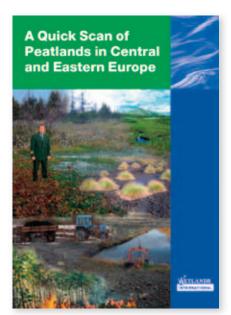
#### **Biodiversity of The Sedili Kechil** Wetlands

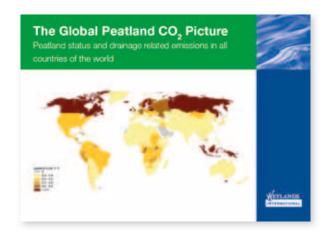
Lee Shin Shin, Erwin Luesink, Flora George

ISBN 978-983-42276-407 Download: malaysia.wetlands.org

#### **Planting Trees to Eat Fish - Field Experiences in Wetlands and Poverty Reduction**

Wetlands International Download: www.wetlands.org





#### A Quick Scan of Peatlands in Central and Eastern Europe -

Tatiana Minayeva, Andrey Sirin, Olivia Bragg (eds.)

ISBN 978-90-5882-044-0 Free copies available on request www.wetlands.org/peatresearch

#### A Quick Scan of Peatlands in Malaysia

Jon Davies, Usha Matthew, Sarala Aikanathan, Nyon Yong Chik and Gabriel Chong

Wetlands International Malaysia malaysia.wetlands.org

#### The Global Peatland CO, Picture - Peatland Status and Drainage **Related Emissions in all Countries** of the World

Hans Joosten (Greifswald University) Free copies available on request www.wetlands.org/peatresearch

#### Penanaman Dan Pemuliharaan **Hutan Bakau Dan Persisiran Pantai:** Panduan Komuniti (Replanting and **Rehabilitation of Mangrove and Coastal Ecosystem: A Guide for Local Community)**

Lee Shin Shin ISBN 983-42276-3-0 Institut Penyelidikan Perhutanan Malaysia (FRIM) www.frim.gov.my

#### **UKRAINIAN**

### The 'Bog' (God) River Basin

Yevgen Vorona, Oksana Kyrylyach, Oleksandr Maksymenyuk, Gennadii Marushevskyi, Dmytro Yavorskyi, Olena Yavorska Black Sea Office

Free copies available on request Download:

blacksearegion.wetlands.org

#### The Environmental Atlas of the **Southern Bug River Basin**

Gavrikov Yu., Gennadii Marushevskyi (eds.)

Black Sea Office Download:

blacksearegion.wetlands.org

#### Vision of a new Ramsar regional initiative for Black Sea coastal wetlands (BlackSeaWet vision)

Compiled by V.Kostiushin, G.Marushevskyi, K. Ruskov, G. Baboianu, I. Goradze, Y.Lise, F. Akarsu, O. Anisimova Black Sea Office Free copies available on request Download: blacksearegion.wetlands.org

#### **BAHASA INDONESIA**

Bio-rights dalam teori dan praktek - Sebuah Mekanisme Pendanaan untuk Pengentasan Kemiskinan dan Konservasi Lingkungan (Biorights in Theory and Practice

- A financing mechanism for linking poverty alleviation and environmental conservation)

Pieter van Eijk & Ritesh Kumar Wetlands International Indonesia Programme

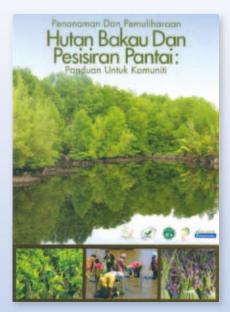
Free copies available on request Download: www.wetlands.or.id www.wetlands.org/biorights

Penghitungan Biomassa: Sebuah pengantar untuk studi karbon dan perdagangan karbon (Calculation of Biomass: An introduction to the study of carbon and carbon trading)

Dandun Sutaryo

Wetlands International Indonesia Programme

Download: www.wetlands.or.id



### Illustrated Tidal Flat Wildlife Survey Guidebook (Eastern Japan Edition)

Wetlands International Japan ISBN 978-4-9904238-1-0 Wetlands International Japan Download: japan.wetlands.org

#### CHINESE

#### Wetlands, Shorebird and Flyways

Wetlands International China Wetlands International China Free copies available on request. Download: www.wetwonder.org

### Factbook for UNFCCC polices on peat carbon emissions

Wetlands International China Wetlands International China Free copies available on request Download: www.wetwonder.org



#### **JAPANESE**

### Wetlands - Culture and Traditional Practices

Wetlands International Japan ISBN 978-4-9904238-2-7 and 978-4-9904238-3-4 (English) Wetlands International Japan Download: japan.wetlands.org Wetlands International with its local partner organisation, the Royal Society for Conservation of Nature (RSCN), works in the area of the Mujib River (Jordan) to maintain one of the last permanent rivers of Jordan and to show how water use and pollution can be reduced without impacting the local economy. By Alex Kaat.



# Financial Report of the Management Board

#### Global Financial Overview<sup>1</sup>

During 2009 the total worldwide income through all offices, corrected for inter-office transfers, decreased by 29% to € 10.3 M (2008: € 14.7), a little below the 2007 figure again. This comprised project Income of € 9.1 M (2008: € 13.3 M). Membership income of € 0.5 M (2008: € 0.5 M) and other Income including interest and foreign exchange results of € 0.8 M (2007: € 0.9 M). Of the project income, headquarters raised 65%, the other offices 35%, very similar to 2008. The Membership Income of the Association Wetlands International, generated by approximately 30 member countries and NGOs active in international wetlands conservation, remained more or less stable at € 0.5 M.

NOTE: Global financial data is derived from the audited financial statements of the Foundation and the Association based in the Netherlands, combined with the provisional or, where available, audited results prepared by the regional offices. A financial consolidation of worldwide data for all the regional offices is not required under the legal entity structure and the global data has been presented only for informational purposes. Owing to different accounting periods and accounting conventions certain estimates have been made in respect of some regional offices. The audited financial statements of the Foundation and the Association for 2008 are available from the headquarters office.

Chart 1.

#### **Expenditure**

As in previous years the implementation a substantial part of major projects secured through headquarters was sub-contracted to Wetlands International regional offices. In Chart 2 these are included in the regional figures. In addition, external partner organisations execute parts of these projects.

Jane Madgwick, CEO Frank van der Valk. COO Wetlands International

Chart 2. **Project expenditure** by region Malaysia 2% Indonesia 11% South Asia (India) 1% China 3% Oceania 4% Japan 4% Ukraine 2% Russia 1% Mali 2% Senegal 18% Argentina 1% Headquarters (Netherlands) 51%

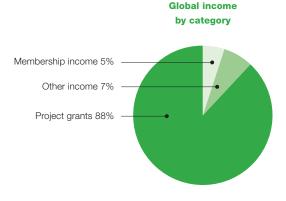


Table 1. Combined summary of income and expenditure for Association and Foundation 2009

All amounts in thousand €	2009 Actual	2009 Budget	2008 Actual
INCOME			
Project income	5.889	4.996	8.799
Membership fees	488	530	516
Contribution from restructuring fund	0	0	0
Other income	126	113	82
Total income	6.503	5.639	9.397
EXPENDITURE			
Project costs	4.685	3.821	7.325
Operational costs	1.627	1.793	1.375
Surplus transferred to reserves	191	0	697
Total expenditure	6.503	5.614	9.397

<sup>&</sup>lt;sup>1</sup> No data were available for the Thailand office.

#### **Summarised financial statement**

All amounts in thousand €	31 December 2009 Actual	31 December 2008  Actual
ASSETS		
Fixed assets		
Computers and office equipment	362	370
Current assets		
Cash and bank	1.898	2.352
Deferred project costs	505	2.794
Receivables	179	336
Total Assets	2.944	5.852
LIABILITIES AND RESERVES		
Current liabilities		
Deferred project income		3.520
Creditors and accruals		1.324
Membership dues paid in advance		24
Reserves		
General reserve		984
Total liabilities and reserves	2.944	5.852

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Table 2.

Combined summary balance sheet for Association and Foundation 2009

# Climate Neutrality Report 2009

As indicted in the previous edition of our Annual Review, Wetlands International *'goes climate neutral'*.

Many of our projects are focused to reduce the greenhouse gas emission from degraded wetlands and to sequester carbon via revegetating areas. In addition, we also invest in an organisation with a minimal carbon footprint. Starting with the headquarters in Ede, The Netherlands the organisation will off-set all emissions from flights made by its staff according to the Gold Standard. Furthermore, solutions to prevent emissions are sought such as the installation of advanced teleconferencing equipment to reduce travel emissions.

#### Flight emissions off-setting

In 2009, Wetlands International compensated 435.17 tons of  $\mathrm{CO}_2$  for a total value of  $\in$  6,528.65 for its flights (see certificate). This means that 100% of the carbon emissions assigned to air travel by its staff are compensated.

### Wind farming project, Taiwan

For complete transparancy, we have choosen to offset via a controlled third party. The emissions coming from flights are offset in a wind farm project in the Taiwanese counties of Changhua and Taichung. Its Verified Emission Reduction (VER) is checked

by the Société Générale de Surveillance under the Gold Standard. The wind farm is active and delivers electricity to 110,000 households in a country that is for 93% of its electricity dependent on fossil fuels. Read more on www.klimaatneutraal.nl.



# Supervisory Council & Board of Association, Member Organisations

#### **Governance**

#### **Management Board**

Jane Madgwick
Chief Executive Officer

Frank van der Valk Chief Operations Officer

### Heads of Programme and Strategy

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Alex Kaat Communications & Advocacy Alex.kaat@wetlands.org

Bas van Weert Finance Controller bas.vanweert@wetlands.org

#### **Supervisory Council**

Ray Offenheiser United States of America Honorary President

Gordana Beltram Slovenia *Chair* 

Ruud Keulen¹ The Netherlands Chair of the Finance and Operations Committee

Bruce Mahin<sup>2</sup>
The Netherlands
Chair of the Finance and
Operations Committee

Paul Mafabi Uganda Chair of the Research and Programme Development Committee Cees van Woerkum The Netherlands Chair of the Resource Development and Communications Standing Committee

Sergio Lasso Barreto Ecuador

Margarita Astralaga Spain

Baz Hughes United Kingdom

Idrissa Doucouré Senegal / United Kingdom

Sidarth Kaul India

Kevin Erwin United States of America

Yoshihiro Natori Japan

Maria Carolina Hazin Brazil

Hazell Shokellu Thompson Kenya

Nick Davidson Switzerland Permanent Observer of the Ramsar Secretariat

Rob van Brouwershaven The Netherlands Permanent Observer of the Host Country

### **Honorary Supervisory Council Member**

Alison Russell-French Australia

#### **Counsellors of Honour**

M. de Coniac Luc Hoffmann Chris Kalden Geoffrey Matthews Michael Moser Max Finlayson Stewart Morrison

<sup>1</sup> Resigned as Committee Chair in June 2009

### Member Organisations

### Non-Governmental Members:

BirdLife / Danish Ornithological Society

BirdLife / Vogelbescherming Nederland

British Association for Shooting and Conservation (BASC)

Danish Hunters Association Deutscher Jagdschutz-Verband EV

Federation of Associations for Hunting and Conservation of the EU (FACE)

Greek Biotope / Wetland Centre (EKBY)

National Association of Regional Game Councils Nigerian Conservation Foundation (NCF)

Royal Society for the Protection of Birds (RSPB)

Schweister Vogelschutz Sveriges Ornitologiska Förening (SOF)

**Government Members:** 

Argentina

Augtrio

Belgium

Benir

Bulaaria

China

Czech Republic

Denmark

Ecuado

Estonia

Finland

France

German

Greece

Hungary

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Indonesia

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Macedonia

Malaysia

The Netherlands

Norway

Pakistan

Poland

Portugal

Slovakia

Slovenia

Swadan

Switzerland

Tunisi

United Kingdom



### Donors

Wetlands International wishes to thank the following donors

for their contributions to our projects:

#### Intergovernmental organisations

#### **National governments**

Department of Parks and Wildlife Management of The Gambia (DPWM)

Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)

Different Japanse Municipalities

Embassy of the Kingdom of the Netherlands in Dakar

Embassy of the Kingdom of the Netherlands in Moscow

Embassy of the Kingdom of the Netherlands Kuala Lumpur

Flemish Ministry for the Community

Fonds Français l'Environnement Mondial (FFEM)

French Ministry of Environment and Sustainable Development

German Federal Agency for Nature Conservation (BfN)

Queensland Environmental Protection Agency
Senegalese Ministry of Environment - Direction des Parcs
Nationaux du Senegal (DPN)

#### Private sector, research institutes and NGO donors

### Mission:

To sustain and restore wetlands. their resources and biodiversity for future generations.

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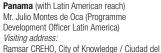
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