

« EURO INBO 2005 »

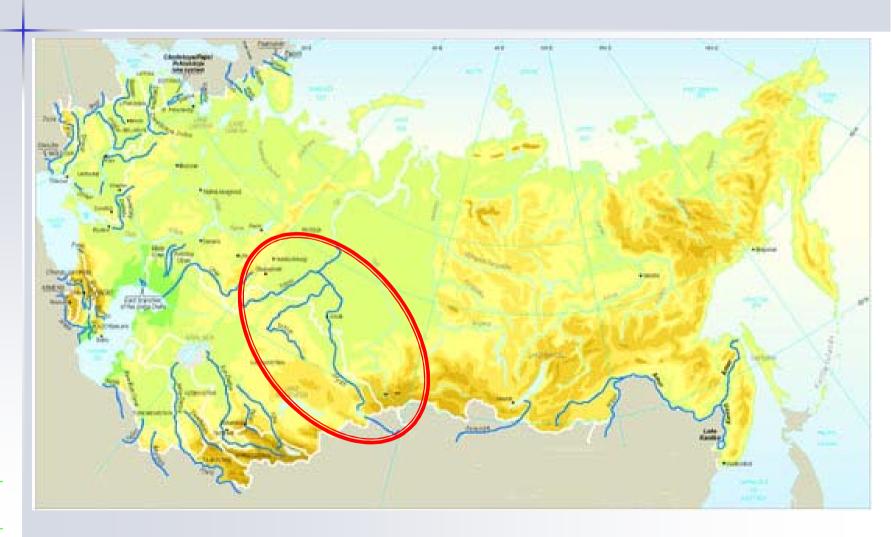
Transboundary water management of the Irtysh River Basin

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The Omsk Ecological Committee (Russia)
Irtysh River Basin Steering Committee (Omsk Segment)

Transboundary River of the NIS





Institutional context of Transboundary Management for Russia and Kazakhstan

- Convention between the Government of the Russian Federation and the Government of the Republic of Kazakhstan on the joint use and protection of transboundary waters (27 August 1992, Orenburg; on 26.06.1997, Pavlodar)
- Agreement protocol on the protection and use of transboundary waters of the Irtysh River Basin between the oblasts of Novosibirsk, Omsk and Tioumen of the Russian Federation and between the oblasts of Eastern Kazakhstan, Pavlodar and Semipalatinsk of the Republic of Kazakhstan (9 January 1993, Omsk)
- Protocol on basin partnership for common use and protection of transboundary waters of the Irtysh River Basin between the oblasts of Omsk, Tumen and okrug Hanty-Mancy of the Russian Federation and the oblasts of Eastern Kazakhstan and Pavlodar of the Republic of Kazakhstan (21 May 2004, Omsk, September 2005, Hanty-Mancy)



International projects

■ FASEP Project with the support of the French Ministry of Finance (1999-2000) the "Action Programme for improving water quality in the Irtysh basin in the Republic of Kazakhstan" was elaborated

- TACIS Project "Advisory Support to the Ministry of Natural Resources for the management of the natural resources of Russia" (2000-2002) suggestions for optimising the system of water resource management for Russia and implementation of the recommendations in the Oka river basin
- FFEM Project (2001-2004) (French Fund Environment Mondial) Transboundary Water Management of the Irtysh River Basin (OIEau-Safage-Antea)











FFEM Project Area





Priority activities of the Project

- To set up a Irtysh River Basin Information System IRBIS
- To evaluate and develop the monitoring network
- To prepare a hydrological model and to carry out quantitative evolution scenarios
- To develop an international co-operation in water management of the Irtysh river

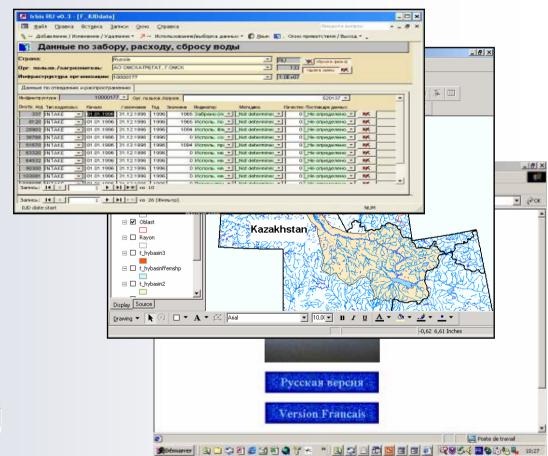


IRBIS

Data Base

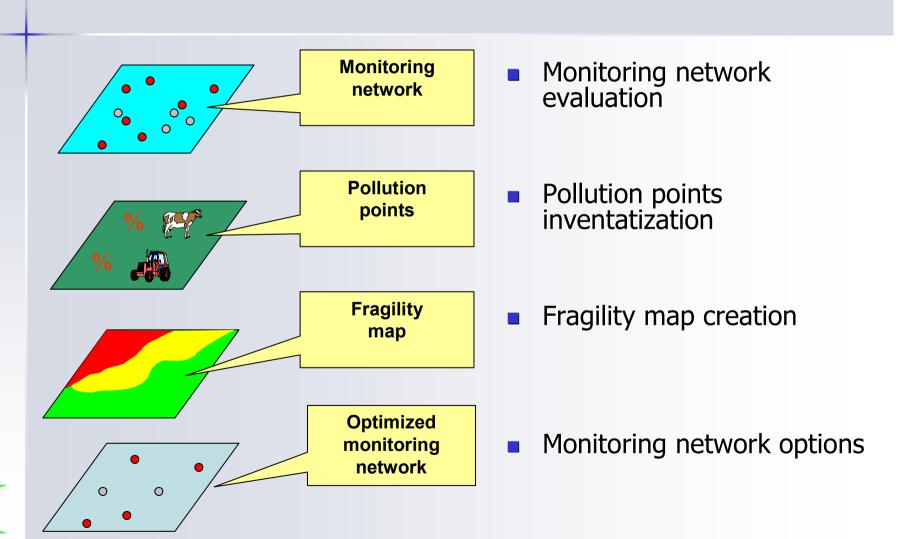
Irtysh GIS

Web – sitewww.irmic.org





Monitoring network development





Hydrological model

Model type :

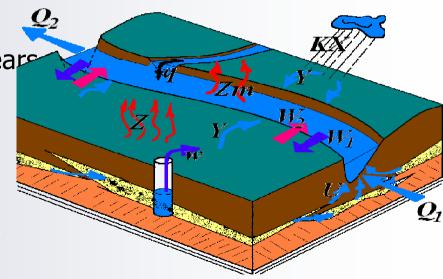
Balance modelDemand-Resources

Observation period: 30 year

Interval: 1 month

Use:

Hydrological scenarios for decision making





International co-operation of the Irtysh river water management

 Sub-commission of the Irtysh which was composed of the representatives of the organisations involved in management in Russia and Kazakhstan

Five meetingsof the Sub-Commission:

- October 2001 (Omsk)
- April 2002 (Ust-Kamenogorsk)
- October 2002 (Pavlodar)
- April 2003 (Omsk)
- September 2003 (Pavlodar)







Трансграничное управление возными ресурсами бассейна реки Иртыш

Gestion des Ressources Hydrauliques Transfrontières du bassin du Fleuve Irtych



Проскт выполнен в соответствии с

Мемораялумом в ситруаничестве межлу

Францией, Россией в Кализствиом, полименнями в Париже в мае 2000 года



Финансирование проекта (техническая помощь): в объеме 1 000 000 евро осуществлялось за счет

Французского глобального экологического фокса

Испалиятель проекта Консорикум OIF, ANTEA, SAFEGE (Франция)

Перспективы проекта

2004-2005

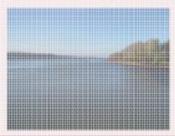
Включение Китан в процесс управления.

Цель проскта

Обосновать управления встанали ресурсами Иртана, осуществомные совысство Российской Федерациий и Preferellmennik Kalunterme

Задачи проекта

- Согдание мокгосударственной системы оценка, вонетроля в упривосний вызывание ресурсание. Вветиенского быссейни
- Узучинани водоснабыныя и качоство водимя. ресурсов Ирпышь посредством применяния провидовой бассеблюного управления



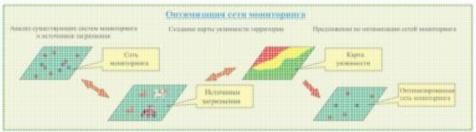
Зона действия проекта

Pena Hyroun, виняван с верховых реки на китийско-канскатанской граница (Буран) и заканчикая первой вина по теченаю

To be continued. Tann. Constant KHTAR











The Irtysh International Conference

Data and place

19-20 May 2004, Omsk (Russia)

The initiative

Omsk oblast governor

More than 300 Participants

- Coming from the 5 Russia and Kazakhstan regions of the Irtysh basin
- Representatives of the national authorities of Russia and Kazakhstan
- The FFEM project team (France)





The Irtysh International Conference

Resolutions

- Development of the basin management principle
- Strengthening co-operation between Russia and Kazakhstan for water management of the Irtysh River Basin
- Proposals to the corresponding organisations of China for cooperation for water resource management of the Basin
- Request to the FFEM to participate in the financing of the project continuation



Protocol of regional authorities for Irtysh River Basin Partnership

Created

21 May 2004, in Omsk

Signed by (during 2004 – 2005)

- Vice governor of Omsk oblast, RF (A. Luppov)
- Governor of Hanty-Mansy okrug, RF (A. Philipenko)
- Vice akim of Pavlodar oblast, RK (M. Nourgaliev)
- Vice akim of East-Kazakh oblast, RK (M.Selikhanov)

Await for sign

Authorities of Tumen oblast, RF

Essential principles

- Community of interests
- Management succession
- Cooperation for water resources preserve
- Information distribution

Regional development of the Project Omsk oblast budget, 2004

Proposal "Integrated water management for Irtysh River basin development"

- Object:
 - reasonable Irtysh River basin water management
- Options
 - Hydro chemical model of Irtysh River creation
 - Russian-Kazakh and Chine-Kazakh boundary monitoring
 - Basin Council making and action plan design

Pushing project

- Supported by Russian and Kazakh authorities
- Presented at France (AFD, Ministry of Ecology and Sustainable Development)
- Presented for TACIS experts



Hydro chemical model of Irtysh (first stage, 2004)

Conceptual model design

ArcInfo 3DAnalist



Basin Council making and action plan design

Basin Council making process

Partnership network

Planning for pilot area



Fundraising

The Irtysh River Steering Committee (2004-2005)

Context

 Decree of the Russian - Kazakh Commission on the joint use and protection of transboundary waters (28 october 2004, Uralsk)

Levels

- River Basin (international board)
- Basin within states (for Russia BWD in Tumen)
- Administrative Region subdivisions (Omsk Regional sub-committee)

Staff (for Omsk - 13 members)

- State authorities (national and regional)
- Water users (Omskenergo, Vodokanal, Omskmeliodvodhoz ...)
- Municipal authorities (Omsk city)
- Non-government organizations (Ecological Committee, Agrarian University ...)

Objectives

- Water plan draw up and development
- Plan implementation observation



Partnership network

Main objectives

- Development of interaction between stakeholders
- Establish relation between organizations from basin region
- Lobbing social interests at authority bodies
- Encouraging population activity

Projects and campaign

- "Let's help Irtysh river together", 2004-2005, Global Greengrants, USA
- "Russian Rivers Network", 2004-2005, MATRA, the Netherlands
- "Partnership network for guardian Irtysh River Basin", 2005, RREC, EC
- "Let's help rivers", 2005, Omsk Governmental budget, Russia
- "From partnership network to basin council", 2005-2006, SCISC, USAID

Partnership network Activities (2004-2005)

- river banks cleaning
- public hearings and round tables
- outdoor complex actions, including special performances
- a technique for operative public evaluation of rivers
- the Om river management plan

Future for transboundary water management in the Irtysh River Basin

- International Basin Council creation
- Involving China to transboundary water management
- To widen the project area to the entire Irtysh Basin
- Decision making scheme development





