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5th International Yellow River Forum on Ensuring Water Right of the River's Demand and Healthy River Basin Maintenance

質河国际協場 Sines IYRF

Technical Paper Abstracts

第五届黄河国际论坛 论文摘要集(I)



5th International Yellow River Forum on Ensuring Water Right of the River's Demand and Healthy River Basin Maintenance

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第五届黄河国际论坛 **论文摘要集**

(I)

Zhengzhou, China September 24-28,2012 中国 郑州

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A World Pact for Better Basin Management

Jean - François DONZIER

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Abstract: Initiated by the International Network of Basin Organizations (INBO), its Regional Networks in Africa, America, Asia, Europe and the Mediterranean, and 12 French metropolitan and overseas Basin Committees, this "World Pact" was signed on Friday, 16 March 2012 in Marseilles by 69 organizations from all continents, the basins of which are concerning 33 countries.

The signatories commit themselves to apply in their respective basins the management principles recognized as the most relevant and most effective using the field experience acquired by the INBO Member Organizations for over 18 years.

Today, more than 100 organizations worldwide have still signed the "Pact", in particular during the last RIO \pm 20 UN Conference!

Key words: river basin management, world pact, river basin organizations, good governance

为了实现更好流域管理的一个世界公约

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摘 要:为了实现更好流域管理的世界公约是由流域组织国际网络(INBO)发起的,它的区域网络遍及非洲、美洲、亚洲、欧洲和地中海,以及法国 12 个大都市和海外流域委员会,2012 年 3 月 16 日星期五来自各大洲的 69 个组织在马赛签署了这个"世界公约",其中涉及 33 个国家的流域。

各签署方承诺在各自的流域应用这些管理原则,其被认为是最相关和最有效的使用领域的经验,是由流域组织国际网络成员组织在过去18年所获得的。

今天,全世界有100多个机构已经签署了该条约,特别是在最近的RIO+20联合国会议上!

关键词:江河流域管理 世界公约 河流流域组织 良好的治理

Sustainable Water Resources Management: Users' Participation

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Abstract: Experience has shown that, regarding water management, involving the "civil society" inside mechanisms of decentralized water resources management was needed, as this civil society is at the cross—roads of institutional steps and support for development. This requires raising awareness and educating all the stakeholders on the principle of sustainable water resources management.

Thus, necessary means are to be mobilized to constitute water – related information systems, to develop the capacity of decision – making, to promote the establishment of representative organizations, in providing the possibility for them to benefit from the know – how and the means which are necessary for participating to public water management policies and for creating the appropriate legal structures, etc.

As information is essential, to be useful, it must not remain in the form of raw data, but be retrieved in the form of easy – to – understand data which can be handled by all the different categories of users. In addition, if the data are to be utilized, they must be made available in the most appropriate forms. Common standards must also be defined to gather the comparable information produced by the different parties.

Key words: participation of the civil society, water information systems, water resources management

可持续水资源管理:用户的参与

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摘 要:经验表明,关于水资源管理,使"民间社会"参与进分散的水资源管理机制是必要的,因为这个民间社会正处于体制步骤和支持发展的十字路口。对可持续水资源管理的原则,需要提高认识和教育所有利益相关者。

因此,必要的手段需要被调动起来构成与水有关的信息系统,以提高决策的能力,促进建立有代表性的组织,为他们提供可能受益的知识和手段,其对参与公共用水管理政策和建立相应的法律结构是必要的。

由于信息是必不可少的,是有用的,它不能停留在原始数据的形式,而是要以易于理解的数据形式进行检索,且能够被所有不同类别的用户操作。此外,如果数据被利用,他们必须提供最适当的形式。共同的标准也必须被定义,以收集由不同团体提供的可比信息。

关键词:民间社会的参与 水资源信息系统 水资源管理

How to Fund Basin Management Plans? "Invest in IWRM – it Pays Back!"

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Abstract: Water and energy shortages, pollution, waste, ecosystem destruction: the situation in many countries is serious and is likely to get worse with climate change. Immediate action is urgent and requires the introduction of Integrated Water Resources Management (IWRM), organized at basin level with application of its six fundamental principles.

The question of its financing is essential and additional specific means of leverage must be envisaged to create incentives for limiting wastage and for cleaning up pollution: modern financing systems must be tailored to the specific situation of each country.

But in general everyone must contribute; the tax - payers, the offenders and the

Key words: Integrated Water Resources Management (IWRM), investments, financing, "user - polluter - pays" taxes, river basin organizations

如何为流域管理计划提供资金

——一体化水资源管理的投资与回报

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摘 要:水和能源短缺、污染、浪费、生态破坏:在许多国家情况严重,并且可能随着气候变化而变得恶化。迫切需要立即采取行动引进一体化水资源管理(IWRM),并在流域层面有组织地应用它的六个基本原则。

融资问题是必要的,并必须设想额外的杠杆作用的具体手段为限制浪费和清理污染建立激励:现代融资体系必须适应每个国家的具体情况。

但一般每个人都必须为此作出贡献:纳税人、罪犯和用户。

关键词:一体化水资源管理(IWRM) 投资 融资 "用户-污染-费用"税收系统 河流流域组织

Water and Climate Change

"If the greenhouse – effect gases are responsible for climate change,
fresh water is the first victim"!

Integrated and sound water resources management at the level of river
basins is obviously essential worldwide!

Jean – François DONZIER

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Abstract: Global warming now seems to be unavoidable so adaptation of water management to climate change is urgently needed worldwide. Therefore quick action is required, for reducing costs and damage with regard to floods and droughts in particular.

Integrated and sound water resources management at the level of river basins is obviously essential, based on integrated information systems, on management plans or master plans and on the development of Programs of Measures.

Cooperation between riparian Countries should be strengthened for good management of transboundary rivers, lakes and aquifers with the participation of stakeholders and the civil society.

Key words: Climate change, water resources management, river basin, cooperation, stakeholders' participation, basin management plan, non - regret measures, adaptation, flooding, drought, natural phenomenons, water saving, warning systems

水和气候变化

"如果温室效应气体为气候变化负责,淡水是第一个受害者!" 江河流域层面的一体化和合理的水资源管理,在全球显然是必不可少的!

Jean - François DONZIER

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摘 要:全球变暖现在看来是不可避免的,使水资源管理适应气候变化是全球范围的迫切需要。因此,需要迅速采取行动,尤其是降低涉及洪水和干旱的成本与损害。

江河流域层面的一体化和合理的水资源管理显然是必要的,其基于一体化信息系统、管理计划或总体规划以及措施方案的发展。

为了跨界河流、湖泊和地下蓄水层的良好管理与利益相关者和民间社会的参与,沿岸国家之间的合作应加强。

关键词:气候变化 水资源管理 流域 合作 利益相关者的参与流域管理计划 完美措施 适应 洪水 干旱 自然现象 节约用水 预警系统