

Activities (present)

ARRN Activities

Public relations

- **Activities involving exchanging and sharing information through the newsletter and on the web-site**

Technological support

- To hold workshops, forums with a view to sharing latest waterfront environment improvement projects
- **To draw up or revise guidelines for the restoration**
- To dispatch lecturers mutually on participating countries

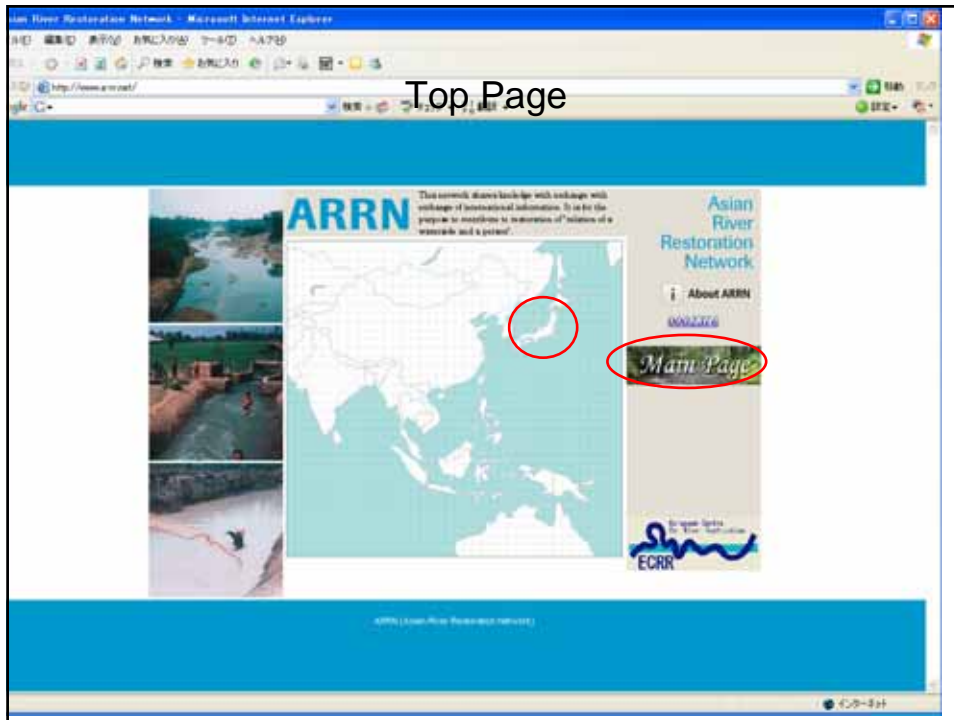
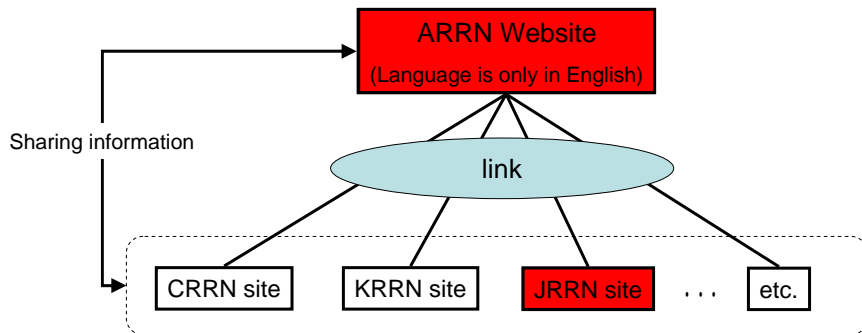
Research and studies

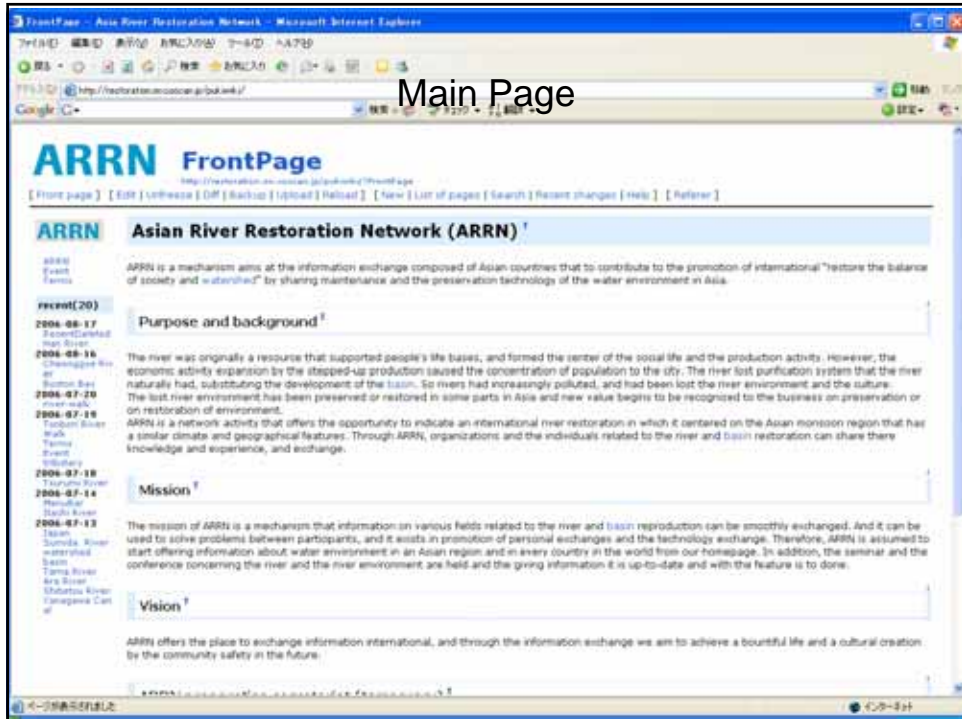
- To conduct joint studies to be undertaken by participating countries
- Support the provision of information with a view to studies

Publication

- To translate and publish books on the restoration of rivers and watershed

WEB site of ARRN



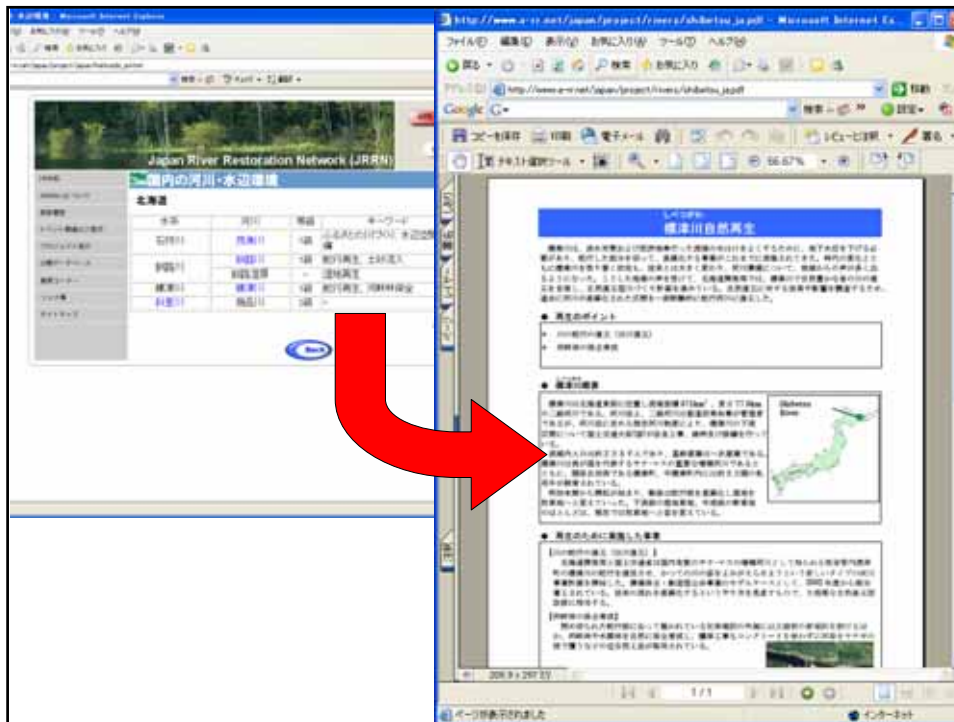


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Outline of Guideline for Asian River Restoration (proposed)

Items for the Guideline

1. Basic Items 基本的な事項

- (1) Use river basins as the basic unit for planning restoration activities
流域の視点からの計画づくり
- (2) Approach by Multi- Activity.
多様な活動による取り組み
- (3) Integrate activities.
治水・利水機能の向上も含め一体的に取り組む
- (4) Support active participation in restoration projects by local community and other stakeholders from an early stager
初期段階からの地域やNGO等との連携

2. Implementation Approaches

実現のための方策

- (1) For activities with scientific knowledge
科学的な根拠に基づく活動とするために
 - The collection and classification of basic information
基礎情報の収集と整理
 - Adaptive management in multi-stage project implementation
適応的・段階的な事業の実施
 - The promotion of research on new technologies
新たな知見を得るための研究・調査の推進
 - Monitoring and evaluation
モニタリングと評価
 - Pilot projects for improved understanding and awareness
理解と認識を深めるためのパイロット事業の実施

(2) For natural management 自然の営力を活かすために

- Use an Ecosystem Approach
生態系からのアプローチ
- Comprehensive erosion and sediment control
総合土砂管理
- Flow dynamics and a healthy water cycle
流況の動的特性と健全な水循環
- Control organic and inorganic pollution
物質(栄養塩や有機物)の制御
- The removal of barriers and reconnection of river channels and floodplains
水面の段差解消などによる支川や氾濫域との連続性確保
- Use cost effective and low maintenance systems to ensure sustainability
自然の再生能力を活用
- Control of Alien invasive species
侵略的外来種の対策
- Restoration for flood control
治水機能の維持

(3) For promotion of sustainable activities 持続可能な活動とするために

- Wise use
ワイズユース
- Environmental education and capacity building
環境教育と人づくり
- Setting Overall Goals, and targets for restoration projects
総合的な目的・目標の設定
- Legal and institutional frameworks for river basin planning and management should be established
流域管理を進めるための法的枠組みの必要性
- Frameworks for international assistance
国際的な協力支援体制
- Frameworks for information-sharing
情報共有体制の確立
- Establish priorities for restoration based on national or basin level assessments and strategies
適切な評価

(4) For making agreement with people

人々の合意形成を図るために

- Reaching a consensus with stakeholders
利害関係者との調整
- Supplying information to the media
マスメディアへの情報提供