

2015 Annual Activities

JRRN annual report 2015-2016 (From May. 2015 to Aug. 2016)



JRRN: Japan River Restoration Network

Website, Newsletter, News-mail

JRRN operates the website and facebook to enhance information sharing in Japan. JRRN website provides information on topics related to river restoration in Japan and in other countries, examples of restoration projects, events, books, useful resources etc. In addition, JRRN published "JRRN Newsletter" once per month, and distributed "JRRN News-mail" once a week. (vol. 110 newsletters, No. 693 news mails as of Aug. 2016).

In addition, JRRN established and opened new website on the collaborative nature restoration along the river in March 2016 to enhance knowledge sharing on this field. This newly opened website includes "about collaborative nature restoration along the river", "How to step ahead", "Case examples" and "News & Events" etc.



Website: <http://www.a-rr.net/jp/>
facebook: <https://www.facebook.com/JapanRRN>

<http://www.collabo-river.jp/>

JRRN's events

JRRN jointly held three field training & workshop, one symposium on collaborative nature restoration in Japan, and one international symposium on "River Technologies for Innovations and Social Systems".

■ *Series field training & workshop on collaborative nature restoration*

- 1st field training & workshop at Iwamoto River, Toyota city, Aich Pref. (Sep. 2015)



- 2nd field training & workshop at Takatoki River, Shiga Pref. (Nov. 2015)



- 3rd field training & workshop at Kamisaigo River, Fukuoka Pref. (Aug. 2016)



■ *4th Symposium on collaborative nature restoration* (Sep. 2015)



■ *International Symposium on River Technologies for Innovations and Social Systems* (Nov. 2015)



Collaborative Activities

JRRN collaborated and supported regional river restoration activities to raise social interest in river and water, and to activate the activity in the river with public and private sectors.

- 1) Supporting workshop on regional activation from water front in Higashi Sonogi Cho (November 2015, Nagasaki JAPAN)



- 2) Supporting regional series workshop on the Onga-Horikawa river restoration (December 2015, Fukuoka JAPAN)



- 3) Supporting traveling educational exhibition of river and water environment by Japan Water Exhibition Network "JAWANET"



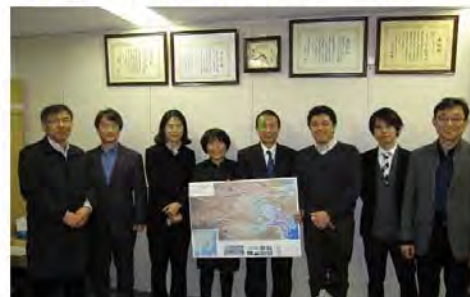
Technical Exchange

JRRN took part in domestic and international symposium and conference on river restoration for further technical exchange with experts.

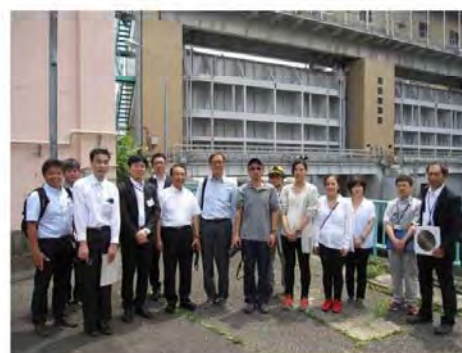
- 1) Participation in "18th International Riversymposium" and presentation at "River Restoration in Asia" (September, 2015, Brisbane AUSTRALIA)



- 2) Technical exchange on river restoration with KRIED (Korea Research Institute of Environment & Development) delegation (March 2016, Tokyo)



- 3) Technical exchange and supporting site visit on river restoration with DSD, Hong Kong Government delegation (23-25 May 2016, Tokyo)



Research

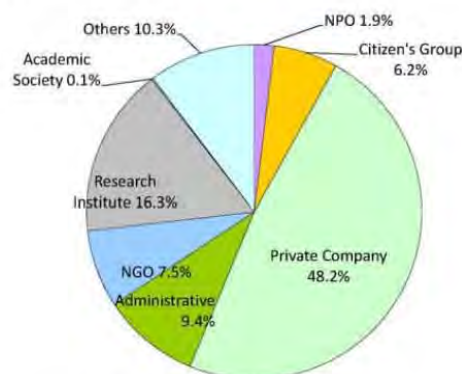
JRRN studied on collaborative nature restoration along river in Japan through partnership approach between river administration and Citizen's group, with experts and JRRN members. (Since 2014)

Publication

JRRN compiled the results of various activities in 2015-2016 as online publication, and promoted efforts to disseminate them through the JRRN website so that they will be widely utilized.

Membership

JRRN consists of about 750 personal and 60 organization members as of August 2016.



Sector breakdown of JRRN personal member

Report on "Series field training & workshop" and "4th Symposium" on collaborative nature restoration



Cherry Blossom and Waterscape Photo Collection 2016



Report on "International Symposium on River Technologies"





1. Forum and seminar

❖ **Background:**

- Threatening of rapid development
- Shortage of water resources
- Deterioration of W.Q
- Ecological degradation
- Enforced strict management
- Water-related project launched

- The 9th senior seminar on Urban river and lake comprehensive restoration
- The 26th December, 2015, IWHR
- About 300 participants
- Ecological restoration project of Yongding river won the first Chinese river Award





1. Forum and seminar

CRRN member participated in the sixth session of the World Conference on ecological restoration in Manchester, and made a report at the conference on 25th August, 2015.



1. Forum and seminar

- International Symposium on Ecological hydraulics in association with IAHR
- the 28th May, 2016, Beijing
- About 150 participants





2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.

- Investigated The British Ayr Rive fishway project in Aug 2015



2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.

- Investigated the project of ecological restoration of Melon Dean river in Portugal in Aug 2015





2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.
- Investigated Fish lift machine of Pedro high dam project in Portugal in Aug 2015



2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.
- In Sep. 2015, CRRN and the EU expert investigated the Nanxi River, inspected water environment, riparian vegetation, and visited the Nanxi River water supply project and fishway.





2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.
- In Sep. 2015, CRRN and the EU expert investigated Xin'An river ecological environmental protection project, and discussed with local experts.



2. communicate and exchange

- Relying on China EU water resources exchange platform (CEWP), A series of technical communication was made between CRRN and European experts.
- In Sep. 2015, CRRN and the EU expert visited Water environment treatment project of Taihu River Basin.





2. communicate and exchange

- Organized two technical lectures in Aug, 2015
 - Delineation and management of ecological red line
 - Application of iron in water environment treatment
- On 30th May, 2016, Invited Christopher George, IAHR Executive Director and Francisco Martinez-Capel, Professor to visit CRRN.



2. communicate and exchange

- In Aug. 2016, CRRN investigated Water environment treatment projects in Jiaxing city of Zhejiang province.





2. communicate and exchange

Participated in the graduate student exchange activities of both sides of the Taiwan Straits, and teach "water and ecological environment" course to the Taiwan graduates in 2015 and 2016.



3. technology standards

Writing two ecological restoration technology standards about "sodium bentonite waterproof layer" and "gabion slope protection"



中国工程建设标准化协会 文件

建标协字[2015]099号

关于印发《2015年第二批工程建设协会标准 制订、修订计划》的通知

协会各分支机构、各标准归口单位和主编单位：
由协会有关分支机构推荐和主编单位自主申报，经协会讨论研究，现将《2015年第二批工程建设协会标准制订、修订计划》印发给你们，请按计划抓紧落实，认真开展制订、修订工作。关于计划项目的执行情况，请各主编单位于每半年末报告归口单位，并随归口单位汇总后报送我协会。

附件：2015年第二批工程建设协会标准制订、修订计划

抄报：住房和城乡建设部标准定额司





4. Website Development

- We have completed the construction of the website and Main Page Design, and have a full-time staff operating it.
- www.crrn.org.cn**

Welcome to the on-line communications and suggestions



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Thank You!



KRRN (Korea River Restoration Network)

1. Hosted “The River Management Workshop to Prepare for Climate Change”

- Date: 2016.04.28.~29
- Venue: Sun valley Hotel in Yeosu city
- Sponsored by Ministry of Land, Infrastructure and Transport, Gyeonggi-do, Yeosu city and K-Water
- More than 500 experts of industry, academia and research field participated in this workshop. The theme of workshop is “The Change of River management Paradigm”.



2. Supported for Research Events

(1) Advanced River measurements Seminar

- Date: 2015.08.17
- Presentation and discussion of river monitoring methods with advanced techniques
- KICT and Dankook University



(2) The 2nd Andong River Experiment Forum (AREF 2015)

- Date: 2015.10.15 ~ 2015.10.16.
- The forum was attended by a total of 82 presenters, including those of South Korea, France, the United States, Canada, and the Netherlands.



(3) Green River Research Group Workshop (KAIA R&D)

- Date: 2016.05.09 ~ 2016.05.10.
- There were thematic presentations and discussions about “Development of river management techniques to respond to changes in river environment”.



(4) International Joint Seminar between Dankook University (Korea) and Irstea (France)

- Date: 2016.07.19
- Theme: Hydro-acoustical suspended sediment measurements



3. Supporting the promotion of the understanding of river area.

(1) The 7th World Water Forum Technical Tour

- Date: 2015.04.16
- Venue: KICT-REC
- Total of 23 persons participated in the United States, Vietnam and so on.



(2) Middle & High school

- Date: 2015.04.28
- Visitors: Sungchang woman high school (85 persons)
- Date: 2015.10.22
- Visitors: Anjung middle school (98 persons)
- Date: 2016.06.09
- Visitors: Sunghye woman middle school (167 persons)



(3) College & University

- Date: 2015.06.03
- Visitors: Andong University (36 persons)
- Date: 2015.09.17
- Visitors: Myeongji University (4 persons)
- Date: 2016.04.29
- Visitors: Gyeonghee University (60 persons)



(4) Public officers and NGO

- Date: 2015.09.09
- Visitors: Ulsan city officers (Water quality management department)
- Date: 2016.02.25
- Visitors: Gyeongsangbuk-Do officers (River management department, 41 persons)
- Date: 2016.07.01
- Visitors: Yecheon Ecology research group (40 persons)



4. Trying to international collaborative research with TRRN

KRRN and TRRN were trying to Joint Research under the NRF-MOST Cooperative Program. The title of joint research is “Feasibility and technical improvement on restoration of urban stream for ecological purposes – vegetation recover by technical removing the concrete bottom”. The Dr. Yonguk Ryu and Dr. Jungu Kang of KICT in Korea, and Professor Shaohua Marko Hsu of Feng Chia University in Taiwan were planned the joint research. It failed this year but plans to challenge again next year. NRF: National Research Foundation of Korea, MOST: Ministry of Science and Technology (Taiwan)