









Major activities and research on river restoration of KRRN

Category	Major activities
Realignment of KRRN  	<ul style="list-style-type: none"> - KRA - > KICT REC - Open the secretariat of the KRRN in KICT-REC(River Experiment Center, Andong) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Jun. 2012</p> </div> <div style="text-align: center;">  <p>Sep. 2014</p> </div> </div>




Position	Title	Full Name	Affiliation
Chairperson	Dr.	Hong-Koo YEO	Korea Institute of Construction Technology (KICT-REC)
Information Committee	Prof.	Jeong-Seok YANG	Kookmin Univ.
(deputy Info. Committee)	Dr.	Yong-Uk RYU	Korea Institute of Construction Technology (KICT-REC)
Technical Committee	Prof.	Joon-Gu Kang	Korea Institute of Construction Technology (KICT-REC)
(deputy Tech. Committee)	Dr.	Hyeong-Sik Kang	Korea Environment Institute (KEI)
Secretary General	Prof.	Suk-Hwan JANG	Daejin Univ.
Secretary	Prof.	Chang-Lae JANG	Korea National University of Transpotation
Secretary	Dr.	Yong-Uk RYU	Korea Institute of Construction Technology (KICT-REC) yuryu@kict.re.kr
Secretary	Dr.	Jong-Tae KIM	Korea Institute of Construction Technology (KICT-REC)




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1. Website Development	<ul style="list-style-type: none"> - Rebuilding KRRN website: <scheduled> Transfer of homepage control from KRA to KICT-REC Korean and English website rebuilding (till Dec. 2013) http://www.KRRN.net
2. Information Delivery/Sharing	<ul style="list-style-type: none"> - Delivery of ARRN letter to members (and target of recruitment) <scheduled>
3. Forum and Seminar	<p>(2008)</p> <ul style="list-style-type: none"> - Co-Organizing with KICT "The 4th International workshop on river environment" (2 Jun., 2008, Ilsan) <div style="display: flex; justify-content: space-around;">    </div> <p>(2009)</p> <ul style="list-style-type: none"> - KRRN became the special committee of Korea River Association - KRRN secured the budget for making homepage - Co-Organizing with KICT "International Symposium on River Restoration Providing for Climate Change" (Aug. 11, 2009, Seoul, Korea) <div style="display: flex; justify-content: space-around;">     </div>



Category	Major activities
3. Forum and Seminar	<p>(2010)</p> <ul style="list-style-type: none"> - Three important ARRN events were held in the sessions of ISE 2010 in September 2010. (Governing Council Meeting, Roundtable Meeting, and the 7th International Forum on Waterfront and Watershed Restoration Forum)   <ul style="list-style-type: none"> - 2010's Other KRRN's event - International symposium of river management in the Asia region (Southeast and Middle Asia: Cambodia, Indonesia, Laos, Mongolia, Uzbekistan, and Vietnam) was held on October 29th, 2010.  <p>River Management of Asia(Mongolia, VietNam, Indonesia, Cambodia, Laos)</p>

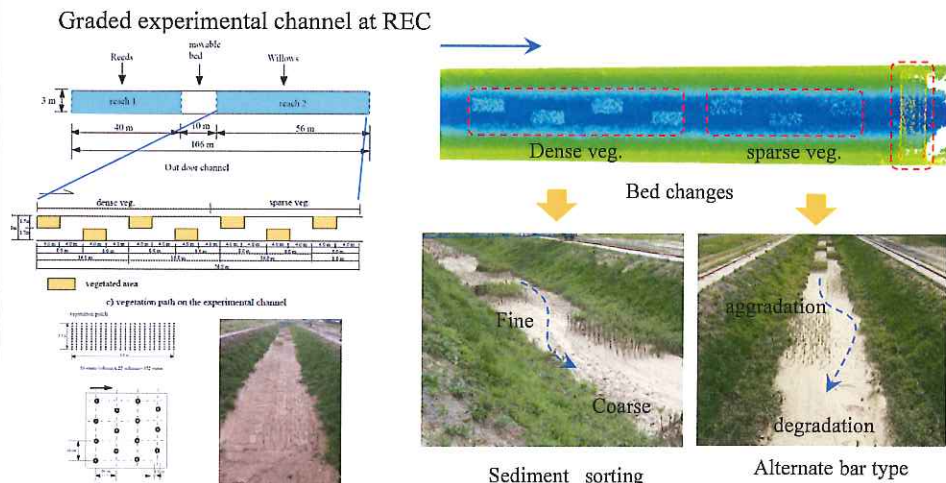
Report on KRRN Activities 2013.10 ~ 2014.9

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3. Forum and Seminar	<p>(2013)</p> <ul style="list-style-type: none"> - Organizing "River Management Seminar" (29 Oct., 2013, Seoul) - Co-organizing with KWRA "River Culture Workshop" (13 Nov., 2013, Seoul)    <p>(2014)</p> <ul style="list-style-type: none"> - Organizing "The 2014 Close-to-Nature River Management Workshop" (17-18 Apr, 2014, Seoul) - Others : KICT-JICE(Japan) Seminar (Sep, 2014, Andong)   

Category	Major activities
4. Technical Exchanges and Training	<p>– Technical exchange with CRRN on river restoration (10 Dec., 2013, Andong)</p>  <p>– Technical field trip(Korea river restoration) of river environment maintenance in Korea (13 Jun, 2014, Chungmi-cheon, Yeosu city, Gyeonggi-Do)</p>  <p>– Training Course Co-Organizing with KWRA & KSEIE "2013 Educational Program(river school)" (1 Nov., 2013, Andong)</p> 

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4. Technical Exchanges and Training	<p>– Technical exchange with Mongolia (2011 ~ 2014) : Korea & Mongolia Water Forum</p> <p>· Kick off Meeting and 1st KMWF(in Ulaanbaatar)</p>  <p>· Council Meeting and 2nd KMWF(in Seoul)</p>  <p>· Council Meeting and 3rd KMWF(in Ulaanbaatar)</p> 

Category	Major activities
5. Research	<p>– Abandoned Channel Restoration</p> <ul style="list-style-type: none"> - After the era of industrialization and urbanization in Korea, many rivers were straightened and floodplain was reduced. - Now abandoned channel is the highest feasible area to restore. - The abandoned channel restoration is about geomorphological restoration for natural channels. - The restoration channel shape and channel evaluation are very important considerations for channel design. <div style="display: flex; justify-content: space-around; align-items: center;">   </div>

Category	Major activities
5. Research	<p>– Seasonal dynamics in the interaction between vegetation and hydromorphology in partially vegetated channels</p> <p>Graded experimental channel at REC</p>  <p>reach 1: 20 m, movable bed: 10 m, reach 2: 56 m, Out door channel</p> <p>dense veg., sparse veg.</p> <p>vegetated area</p> <p>c) vegetation path on the experimental channel</p> <p>Sediment sorting: Fine, Coarse</p> <p>Alternate bar type: aggradation, degradation</p>
6. Membership	<ul style="list-style-type: none"> – Now 40 companies, 7 local government and 5 public corporations in Korea are belong to KRRN – Realignment of KRRN members to practical participants – Carrying forward MOU between KRRN and Korea Water Forum : The Secretary General of KWF(Dr. Yeom) promised for cooperation between KWF and KRRN to the Secretary General of KRRN (prof. Jang)