

### ***Welcome to VACI2016's Int.training course***

#### ***“Monitoring for Regional and Transboundary Groundwater Management”***

***co-organized with IGRAC (The Netherlands) and BGR (Germany)***

***(Tuesday & Wednesday 4<sup>th</sup> - 5<sup>th</sup> Oct )***

**Objectives:** The purpose of the workshop is to bring together national and international groundwater experts to review the state of groundwater monitoring in the region, to introduce the Global Groundwater Monitoring Network (GGMN) programme and its practical implementation in Vietnam. The workshop will address new monitoring technologies, groundwater monitoring optimisation and other related aspects of monitoring networks. The workshop is also intended to build synergies and strengthen regional cooperation.

**Background information:** IGRAC, the International Groundwater Resources Assessment Centre is UNESCO and WMO centre that facilitates and promotes sharing of information and knowledge required for sustainable development of groundwater resources worldwide. Recognizing the lack of groundwater data around the world, IGRAC took initiative to establish the Global Groundwater Monitoring Network (GGMN). GGMN is a UNESCO programme, implemented by IGRAC and supported by many global and regional partners. The GGMN is a

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Written by Administrator  
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participative, web-based network of networks, set up to improve quality and accessibility of groundwater monitoring information and subsequently our knowledge on the state of groundwater resources. The GGMN consists of a people network and of an interactive portal for storage, processing and dissemination of groundwater data. The national groundwater experts present in the workshop will have the opportunity to acquire an active role in the GGMN People Network and to continue to use the GGMN interactive portal.

**Target participants:** Water planning professionals, managers, technicians of water services, civil engineers, official of public water authorities, researchers, graduated students, etc.

**Language:** English with Vietnamese interpretation

**VENUE:** 3<sup>rd</sup> Oct: Almaz Convention Center, Sai Dong, Longbien, Hanoi; 4<sup>th</sup>- 5<sup>th</sup> Oct: NAWAPI's Headquarter, 93/95 Vu Xuan Thieu Street, Long Bien, Hanoi.

## TENTATIVE AGENDA

### Day 1 – Monday 3<sup>rd</sup> October 2016

(Technology exposure and networking at VACI2016's Symposium and Exhibition at Almaz Convention Center)

07:45- 08:00                      Registration

08:00-17:00                      Attending VACI2016's Symposium & Exhibition

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### Day 2 – Tuesday 4<sup>th</sup> of October

09:00-09:15                    **Welcome addresses and opening**

- *Neno Kukuric, IGRAC*

09:15 - 09:45                    **Introduction to the workshop**

- *Neno Kukuric, IGRAC*

09:45 - 10:30                    **Current state of groundwater monitoring in Vietnam**

10:30 - 11:00                    Coffee break

11:00 - 11:30                    **Global Groundwater Monitoring Network Programme**

- *Neno Kukuric, IGRAC*

11:30 - 12:30                    **Demonstration of the GGMN application**

- *Nienke Ansems, IGRAC*

12:30 - 13:30                    Lunch

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13:30- 15:00            **GGMN in practice**

15:00 - 15:30            Coffee break

15:30 - 16:30            **GGMN in practice**

16:30 - 17:00            **Wrap up of first day**

### **Day 3 – Wednesday 5<sup>th</sup> of October**

09:00 - 10:30            **Monitoring for Transboundary Groundwater Management**

- *Neno Kukuric, IGRAC*

10:30 - 11:00            Coffee break

11:00 - 12:30            **World café: GGMN in Southeast Asia**

*Discussion groups*

12:30 - 13:30            Lunch

13:30 - 14:30            **Rolling out the GGMN and the way forward**

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- *Nienke Ansems, IGRAC*

14:30 - 15:00      **Wrap up of the workshop and closing remarks**

## CERTIFICATE

Training certificate will be awarded to participants who fulfill all requirement of this international training course.

## REGISTRATION FEE

Registration fee including access to the course, materials, lunch, tea break & field visit, etc will be offered by VACI with the support of the Global Groundwater Monitoring Network (GGMN) programme

## ACCOMMODATION

The accommodation remains the responsibility of the participants during the course.

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**Previous VACI's Int. training courses**

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VACI2014's Int. training Course for young engineers and faculty on "Water R



VACI2015's International Training Course on "Water Resource Planning, Pro