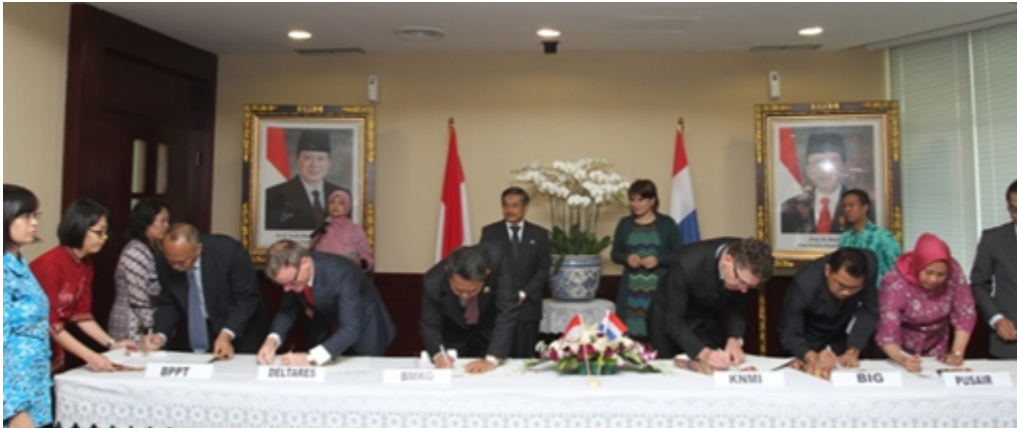


# Home

## Joint Cooperation Program



Joint Cooperation program (JCP) was signed and agreed by Republic of Indonesia and Kingdom of the Netherlands which involves main knowledge player in water sector of both parties. Main objectives of this program is to carry out a long-term knowledge sharing and capacity building program between the institutes.

Currently 9 institutes from both states are partnered, they are [PusAir](#) and [Deltares](#) (Water Resources) ; [BMKG](#) and [KNMI](#) (Meteorological and Climatology) ; [BIG](#) and [ITC](#) (Mapping and topography); [Balitbangtan](#) and [Alterra](#) (Agriculture and Irrigation); [BPPT](#) (Research Application).

Key issues in JCP are floods (too much), drought (too little) while too dirty is not included yet. The governmental tasks involved in this program are to provide operational support (event and day-to-day decisions) and policy support (planning and development).

## Activities

### **UPCOMING EVENT !! 15 June 2015 - Basic and advance Delft 3D training**

Knowledge transfer on numerical modelling by Delft 3D will be held in June. This training is intended to support many important numerical modelling works in Indonesia ( [readmore](#) )

### **09-11 June 2015 - DEWS training on SPI implementation**

SPI as one of the most advance method to analyse the drought is implemented in DEWS. Knowledge transfer is done through training to staff who responsible for this operation system in BMKG ( [readmore](#) )

### **16-18 March 2015 - Basic Delft-FEWS Training at BPPT**

Supporting plan from BPPT to develop early warning system in East Kalimantan, Deltares and BPPT held basic configuration course for Delft-FEWS ( [readmore](#) )

### **16-18 February 2015 - DEWS training on the implementation of ECMWF Data**

In order to improve cropping calendar, seasonal forecast is implemented in the Indonesian DEWS. This training was held to prepare staff which will engage in the development in this system ( [readmore](#) )

## Topics

[Water Resources Management](#)  
[Weather and Climate](#)  
[Lowland Data Management](#)  
[Water Information Systems](#)

## Deltares Software

[Delft-FEWS \(in Bahasa\)](#)  
[Sobek](#)

## Announcement/Upcoming events

[Training/Course](#)

## JCP Deliverables

[Water Data Management System \(WDMS\)](#)  
[Drought Early Warning System \(DEWS\)](#)  
[Jakarta Flood Early Warning System \(JFEWS\)](#)

## Documents

[Final Reports JCP Phase 1](#)