



KEMENTERIAN KEUANGAN REPUBLIK INDONESIA  
DIREKTORAT JENDERAL KEKAYAAN NEGARA  
SEKRETARIAT DIREKTORAT JENDERAL

GEDUNG SYAFRUDDIN PRAWIRANEGERA II LANTAI 9 SELATAN  
JALAN LAPANGAN BANTENG TIMUR NOMOR 2-4 JAKARTA 10710  
TELEPON (021) 3810162, FAX (021) 3847742

Nomor : S-1333 /KN.1/2016  
Sifat : Sangat Segera  
Lampiran : 1 (satu) set  
Hal : Penyampaian Informasi Penawaran *Short Course Water Resources Assessment* di Belanda

10 AUG 2016

Yth. Para Direktur di Lingkungan DJKN  
Para Kepala Kantor Wilayah DJKN  
Para Kepala KPKNL  
Para Kepala Bagian di Lingkungan Sekretariat DJKN

Sesuai penawaran dari *United Nations Educational, Scientific and Cultural Organization (UNESCO)-IHE Institute for Water Education* hal pada pokok nota, dengan ini kami sampaikan hal-hal sebagai berikut:

1. *UNESCO-IHE Institute for Water Education* adalah penyelenggara pendidikan tentang air terbesar di dunia. Salah satu program yang ditawarkan adalah *Water Resources Assessment's Short Course* (terlampir brosur terkait).
2. Berkenaan dengan hal tersebut diatas, mengingat kurikulum dalam *short course* tersebut sesuai dengan bidang tugas DJKN, kiranya perlu diinformasikan kepada seluruh unit DJKN agar dapat mendorong staf yang berminat untuk mengirimkan aplikasi *short course* tersebut sekaligus aplikasi beasiswa secara mandiri.
3. Hal-hal yang perlu diperhatikan adalah sebagai berikut :
  - a. *Short course* ini akan berlangsung selama 3 (tiga) minggu, mulai tanggal 6 Maret 2017 s.d. 24 Maret 2017, bertempat di *Delft*, Belanda.
  - b. Setiap peserta disyaratkan memiliki pengalaman kerja di bidang penilaian dan penyusunan neraca sumber daya alam.
  - c. Apabila peserta telah mendapatkan surat penerimaan (*Letter of Acceptance*) dari *UNESCO-IHE*, peserta diminta untuk mengajukan aplikasi beasiswa *Netherlands Fellowship Program (NFP)* mulai tanggal **1 s.d. 30 September 2016**.
  - d. Setiap peserta diharuskan mengisi formulir aplikasi online yang dapat diakses melalui website [www.unesco-ihe.org/short-courses](http://www.unesco-ihe.org/short-courses). Dalam waktu 15 (lima belas) hari kerja peserta akan diberitahukan apakah diterima atau tidak oleh *UNESCO-IHE*.
  - e. Informasi lebih lanjut terkait program tersebut terdapat pada *UNESCO-IHE Website* : [www.unesco-ihe.org](http://www.unesco-ihe.org) atau melalui email [shortcourse@unesco-ihe.org](mailto:shortcourse@unesco-ihe.org), sedangkan untuk informasi beasiswa *NFP* dapat diakses melalui <http://www.nesoindonesia.or.id/beasiswa/netherlands-fellowship-programme-nfp>.
  - f. Bagi pegawai yang dinyatakan lolos sebagai peserta dan mendapatkan beasiswa *NFP*, agar menyampaikan ke Sekretariat DJKN untuk diproses lebih lanjut.
4. Adapun persyaratan pendaftaran ke *UNESCO-IHE* yang harus dilengkapi adalah:
  - a. Formulir Aplikasi yang dapat diisi secara online.
  - b. *Curriculum Vitae*.
5. Sedangkan persyaratan untuk pendaftaran beasiswa *NFP* dapat diakses melalui <http://www.nesoindonesia.or.id/beasiswa/netherlands-fellowship-programme-nfp>.

Demikian kami sampaikan, atas perhatian Saudara kami ucapkan terima kasih.

Sekretaris Ditjen,



Dodi Iskandar  
NIP. 196001241981121002

# Water Resources Assessment

UNESCO-IHE Institute for Water Education

## Certificate / Diploma Short course Delft

Department	UNESCO-IHE
Information about the institution	UNESCO-IHE Institute for Water Education is the largest international graduate water education facility in the world and the only institution in the UN system to confer accredited MSc degrees and promote PhDs. It offers degree programmes, short courses, online courses and tailor-made training. Since 1957 the Institute has provided graduate education to more than 15,000 water professionals from over 160 countries. More than 175 PhD candidates were promoted. UNESCO-IHE is at the centre of a vast international network of water related institutions, and functions as an interface between knowledge networks and centres, public and private sector organizations, scientific and professional associations and other members of the international water community. The Institute runs a substantial number of joint MSc programmes implemented in partnership with universities around the globe. These joint programmes combine the strengths of the collaborating institutions and deliver either multiple degrees or a joint degree.
Services for international students	UNESCO-IHE • Assists students obtaining residence permits, insurance, etc.; • Organizes an introduction to Delft & studying at UNESCO-IHE, international social evenings, Christmas dinner, sports events, excursions in the Netherlands and Europe, etc.; • Provides high-quality accommodation; • Gives access to International Student Chaplaincy, Student's Medical Centre, Meet the Dutch Programme; • Has a Student Association Board representing students in all relevant educational matters.
Qualification	Certificate
Field of study	Agriculture and environment
Course description	Water resources assessment aims to measure quantity and quality of the water in a system, including data collection, data validation, and water accounting techniques, using both ground and remote sens
Study subjects	The main components of the course are: (i) Surface and ground water resources assessment, including: data validation, time series analysis, and groundwater abstraction, (ii) Water quality monitoring and assessment, (iii) Water using activities: agricultural, domestic, hydropower, and environmental water requirements, (iv) Water accounting: remote sensing data for water management, catchment water balance, water productivity and water valuation
Course objectives	Upon the successful completion of the module the participants will be able to: ♣ Describe different types of water resources data, generated from ground and RS measurements. ♣ Apply diverse methods of data processing and data validation for water resources assessment. ♣ Quantify the different components of the water resources spectrum (rainfall, river flow, groundwater), an assess availability and access at different scales. ♣ Describe and apply different methods of water quality monitoring and
ECTS credits	5
Duration	3 weeks full-time
Language of instruction	English



**Instruction modes** case study, excursion, individual assignment, lecture, workshop

**Accreditation** NVAO

**Admission requirements** -

**Language requirements** IELTS overall band 6  
TOEFL paper based 502 + TWE 4.5  
TOEFL internet based 87

**Other requirements** -

**Professional experience required** several years of relevant working experience

**Duration** 3 weeks  
full-time

Start date	EU/EEA Students	Non-EU/EEA students
6 Mar 2017	6 Feb 2017	6 Feb 2017

Year	EU/EEA	Non-EU/EEA	Institutional
2016 (FT)	€ 2850	€ 2850	n.a.

In short, the following rules apply:

- The "EU/EEA rate" is the regular fee for students from within the EU/EEA.
- The "non-EU/EEA rate" is the rate for students from outside the EU/EEA.
- The "institutional rate" is for all students who have already obtained a bachelor's or master's degree and who want to start a second programme leading to a degree at the same level or at a lower level.
- Note that FT, PT and D stand for "full-time", "part-time" and "dual", respectively.

Make sure you contact your institution to find out what rate applies to you. The rates listed here are estimates.

**Scholarships** Netherlands Fellowship Programme (NFP), MENA Scholarship Programme , Netherlands Fellowship Programmes (NFP)  
For more scholarships, visit: [www.grantfinder.nl](http://www.grantfinder.nl)

**Course website** [More information about the course](#)