Kementerian Pekerjaan Umum dan Perumahan Rakyat
Badan Pengembangan Sumber Daya Manusia

Jl. Pattimura No. 20, Kebayoran Baru - Jakarta Selatan, Telepon (021) 275 15703, Facsimile (021) 275 15703

Nomor : 022.06 - 346/120
Lampiran : 1 (satu) berkas
Sifat : Segera
Perihal : Penawaran Beasiswa Pemerintah Belanda Program Netherlands Fellowship Program (NFP) dan Beasiswa Pemerintah Australia Program Australia Awards in Indonesia.

Jakarta, 1 Februari 2019

Kepada Yth,
1. Para Sekretaris Unit Organisasi
2. Para Kepala Biro/Pusat di lingkungan Sekretariat Jenderal
Kementerian Pekerjaan Umum dan Perumahan Rakyat
di –

Jakarta

Sehubungan dengan Penawaran Pendidikan Lanjutan Beasiswa Pemerintah Belanda Program Netherlands Fellowship Program (NFP) dan Beasiswa Pemerintah Australia Program Australia Awards in Indonesia dengan horizat kami sampaikan penawaran program dengan rincian sebagai berikut:

1. Pihak Pemerintah Belanda/UNESCO IHE Deft melalui program Orange Knowledge Programme (OKP) membuka pendaftaran beasiswa untuk MSc Program Bidang Coastal Engineering and Port Development dan bidang-bidang lain (dapat di lihat pada www.columbia.okeed.org atau dapat menghubungi secretariat@okeed.org). Biaya keikutsertaan pada kegiatan tersebut ditanggung oleh Pemerintah Belanda. Informasi lebih lanjut sebagaimana terlampir. Calon peserta diajak kepada Sekretariat Badan Pengembangan Sumber Daya Manusia untuk mendapatkan rekomendasi pemilihan program studi;

2. Pihak Pemerintah Australia / Department of Foreign Affairs and Trade (DFAT) melalui program Australia Awards in Indonesia membuka pendaftaran beasiswa untuk program Master dan Doktoral untuk Tahun Akademik 2020 yang akan dibuka mulai pada tanggal 1 Februari s/d 30 April 2019. Biaya keikutsertaan pada kegiatan tersebut ditanggung oleh Pemerintah Australia. Informasi lebih lanjut mengenai beasiswa tersebut dapat dilihat melalui situs www.australianawardsindonesia.org/SGO! Calon peserta dapat diajak kepada Sekretariat Badan Pengembangan Sumber Daya Manusia untuk mendapatkan rekomendasi pemilihan program studi paling lambat sebelum 16 April 2019;

3. Pemilihan program studi dan seluruh proses pengajuan tugas belajar mengacu pada SE Menteri nomor : 02/SEM/2019 tentang Pelaksanaan Pendidikan Lanjutan Program Magister dan Doktoral (terlampir);


Demikian kami sampaikan. Atas perhatiannya kami ucapkan terima kasih.

Sekretaris Badan Pengembangan Sumber Daya Manusia

[Signature]
NIP. 196708081991031006

Tembusan Kepada:
1. Kepala Badan Pengembangan Sumber Daya Manusia (sebagai Laporan);
Kepada Yth. :
1. Para Pejabat Pimpinan Tinggi Madya.
2. Para Pejabat Pimpinan Tinggi Pratama.
di Kementerian Pekerjaan Umum dan Perumahan Rakyat.

SURAT EDARAN
NOMOR: 02/SE/M/2019
TENTANG
PELAKSANAAN PENDIDIKAN LANJUTAN
PROGRAM MAGISTER (S2) DAN DOKTORAL (S3)
DI KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

A. Umum

Sejalan dengan tuntutan nasional dan tantangan global untuk mewujudkan pemerintahan yang baik diperlukan SDM aparatur bidang Pekerjaan Umum dan Perumahan Rakyat yang memiliki kompetensi dalam penyelenggaraan Infrastruktur Pekerjaan Umum dan Perumahan Rakyat.

Dalam rangka menciptakan SDM aparatur yang memiliki kompetensi tersebut diperlukan peningkatan profesionalisme dan pengembangan pengetahuan Pegawai Negeri Sipil (PNS), salah satunya melalui pendidikan berkelanjutan dalam bentuk pemberian tugas belajar yang merupakan bagian tidak terpisahkan dari program pembinaan PNS.

Guna menjamin tertib administrasi dan terarahnya pelaksanaan pemberian tugas belajar bagi Pegawai Negeri Sipil (PNS) di Kementerian

JDIH Kementerian PUPR
Pekerjaan Umum dan Perumahan Rakyat, perlu menetapkan persyaratan dan mekanisme yang akan digunakan sebagai acuan dalam pelaksanaan pendidikan lanjutan program Magister (S2) dan Doktoral (S3) agar sesuai dengan kebutuhan organisasi.

B. Dasar Pembentukan

Pemberian tugas belajar bagi PNS di lingkungan Kementerian Pekerjaan Umum dan Perumahan Rakyat didasarkan pada peraturan sebagai berikut :

1. Peraturan Pemerintah Nomor 11 tahun 2017 tentang Manajemen Pegawai Negeri Sipil (Lembaran Negara Republik Indonesia Tahun 2017 Nomor 63);
2. Peraturan Pemerintah Nomor 60 Tahun 1999 tentang Pendidikan Tinggi (Lembaran Negara Republik Indonesia Tahun 1999 Nomor 115, Tambahan Lembaran Negara Republik Indonesia Nomor 3859);
3. Peraturan Pemerintah Nomor 97 Tahun 2000 tentang Formasi Pegawai Negeri Sipil sebagaimana telah diubah dengan Peraturan Pemerintah Nomor 54 Tahun 2003 (Lembaran Negara Republik Indonesia Tahun 2000 Nomor 194, Tambahan Lembaran Negara Republik Indonesia Nomor 4015);
4. Peraturan Pemerintah Nomor 14 Tahun 2010 tentang Pendidikan Kedinasan (Lembaran Negara Republik Indonesia Tahun 2010 Nomor 19, Tambahan Lembaran Negara Republik Indonesia Nomor 5101);
6. Peraturan Menteri Pekerjaan Umum Nomor 13/PRT/M/2014 tentang Pembinaan dan Pengembangan Aparatur Kementerian Pekerjaan Umum (Berita Negara Republik Indonesia Tahun 2014 Nomor 1606);

8. Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 20 Tahun 2016 tentang Organisasi dan Tata Kerja Unit Pelaksana Teknis di Kementerian Pekerjaan Umum dan Perumahan Rakyat (Berita Negara Republik Indonesia tahun 2016 Nomor 817); dan


C. Maksud dan Tujuan

Surat Edaran Menteri ini dimaksudkan sebagai acuan dalam pelaksanaan pendidikan lanjutan program Magister (S2) dan Doktoral (S3) di Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Surat Edaran Menteri ini bertujuan untuk:
1. Terwujudnya tertib administrasi pelaksanaan tugas belajar program Pendidikan lanjutan S2 dan S3;
2. Terarahnya pilihan program studi Pendidikan lanjutan S2 dan S3 bagi para PNS agar sesuai dengan kebutuhan organisasi; dan
3. Terwujudnya kualitas PNS yang kompeten dan profesional di bidang Pekerjaan Umum dan Perumahan Rakyat.

D. Ruang Lingkup

Ruang lingkup Surat Edaran Menteri ini meliputi:
1. Ketentuan Pemberian Tugas Belajar;

JDIH Kementerian PUPR
2. Mekanisme Pengajuan Tugas Belajar;
3. Pemilihan Bidang Studi;
4. Proses Administrasi Tugas Belajar; dan
5. Penganggaran.

E. Ketentuan Pemberian Tugas Belajar
1. Tugas belajar hanya diberikan kepada PNS yang mendapatkan rekomendasi dari BPSDM;
2. Bidang Studi yang dipilih harus mengacu pada program studi yang telah ditetapkan dalam Daftar Bidang Studi Pendidikan Master dan Doktoral Prioritas Kementerian Pekerjaan Umum dan Perumahan Rakyat sebagaimana tercantum dalam Lampiran I yang merupakan bagian tidak terpisahkan dari Surat Edaran ini.
3. Lembaga Pendidikan / Lembaga Pemberi Beasiswa yang dapat dipilih adalah yang telah ditetapkan oleh BPSDM. Dalam hal Lembaga Pendidikan / Lembaga Pemberi Beasiswa tidak terdapat dalam daftar yang telah ditetapkan maka BPSDM melakukan analisis kelayakan dan validasi terhadap Lembaga tersebut; dan

F. Mekanisme Pengajuan Tugas Belajar
1. BPSDM menerima penawaran beasiswa pendidikan dari Sekretariat Jenderal
2. BPSDM melakukan evaluasi atas seluruh tawaran beasiswa pendidikan dari lembaga pemberi beasiswa dalam dan luar negeri dan menetapkan lembaga beasiswa pendidikan terpilih dan bidang studi yang layak diikuti oleh PNS Kementerian Pekerjaan Umum dan Perumahan Rakyat.
3. BPSDM menyampaikan penawaran beasiswa kepada unit organisasi di Kementerian Pekerjaan Umum dan Perumahan Rakyat.

5. Pegawai yang telah mendapatkan rekomendasi dari BPSDM mengikuti proses seleksi beasiswa; dan


G. Pemilihan Bidang Studi dan Perguruan Tinggi

1. Bidang studi merupakan kelompok program studi yang sesuai dengan tema tertentu;


3. Pilihan bidang studi selain yang tercantum dalam Lampiran I Surat Edaran ini harus mendapatkan persetujuan Menteri Pekerjaan Umum dan Perumahan Rakyat melalui Kepala Badan Pengembangan Sumber Daya Manusia;

4. Pilihan bidang studi pekerjaan umum dan perumahan rakyat diprioritaskan berdasarkan kebutuhan organisasi yang disesuaikan dengan latar belakang pendidikan bidang teknik dan non teknik; dan

5. Perguruan Tinggi yang dapat dipilih ialah perguruan tinggi yang menjadi mitra atau bekerja sama dengan lembaga pemberi beasiswa yang menawarkan beasiswa kepada Kementerian Pekerjaan Umum dan Perumahan Rakyat, baik dalam maupun luar negeri.

H. Proses Administrasi Tugas Belajar

1. Proses administrasi tugas belajar baik dalam negeri maupun luar negeri meliputi penawaran beasiswa, rekomendasi mengikuti seleksi, proses seleksi calon peserta, rekomendasi penerbitan Surat Keputusan Penetapan Peserta Tugas Belajar, Surat Keputusan

JDIH Kementerian PUPR
Penetapan Peserta Tugas Belajar, pengajuan rekomendasi Izin Luar Negeri (ILN) kepada Menteri Pekerjaan Umum dan Perumahan Rakyat, monitoring dan evaluasi perkembangan studi karyasiswa, dan pengembalian karyasiswa. Seluruh pemberian rekomendasi diterbitkan oleh BPSDM;

2. Calon karyasiswa yang akan mengajukan tugas belajar ke luar negeri, penerbitan Izin Luar Negeri (ILN) diusulkan oleh Sekretaris Unit Organisasi/Kepala Biro Kepegawaian, Organisasi dan Tatalaksana di Sekretariat Jenderal kepada Sekretaris BPSDM, untuk selanjutnya diajukan ke Biro Perencanaan Anggaran dan Kerjasama Luar Negeri, Sekretariat Jenderal untuk diproses lebih lanjut;

3. Status kepegawaian peserta tugas belajar dialihkan ke BPSDM dengan nama jabatan karyasiswa. Selanjutnya tunjangan kinerja yang bersangkutan menjadi tanggung jawab BPSDM sedangkan Gaji tetap menjadi tanggung jawab Unit Kerja yang bersangkutan;

4. Tunjangan kinerja yang dibayarkan kepada karyasiswa adalah 70% (tujuh puluh persen) dari besaran yang ditetapkan;

5. Penerbitan Surat Keputusan penetapan peserta tugas belajar luar negeri ditetapkan oleh Sekretaris Jenderal, sedangkan tugas belajar dalam negeri dan double degree oleh Kepala Biro Kepegawaian, Organisasi dan Tata Laksana;

6. Sekretaris BPSDM menerbitkan surat rekomendasi pengembalian karyasiswa yang telah lulus kepada Kepala Biro Kepegawaian, Organisasi dan Tata Laksana dengan melampirkan surat keterangan lulus/legalisir ijazah dan transkrip nilai, dan softfile tesis/disertasi;

7. Surat pengembalian peserta tugas belajar kepada Sekretaris Unit Organisasi/Kepala Biro-Pusat di Sekretariat Jenderal ditandatangani oleh Kepala Biro Kepegawaian Organisasi dan Tata Laksana setelah mendapat rekomendasi dari Sekretaris BPSDM; dan

8. Biro Kepegawaian Organisasi dan Tata Laksana menempatkan karyasiswa yang telah lulus sesuai dengan kompetensi yang dimiliki baik ke unit kerja asal atau ke unit lain yang membutuhkan.
I. Penganggaran

1. Kementerian Pekerjaan Umum dan Perumahan Rakyat tidak menyediakan anggaran APBN untuk pendidikan lanjutan program Magister (S2) dan Doktoral (S3). Anggaran pendidikan lanjutan dapat diperoleh dari Instansi/Lembaga dalam dan luar negeri melalui kerjasama atau berdasarkan tawaran antara lain dari LPDP, BAPENAS, JICA, ADB, NUFFIC NESCO, DAAD, AAS;

2. Dalam hal unit organisasi memiliki kebutuhan mendesak akan pendidikan spesialisasi tertentu bidang pekerjaan umum dan perumahan rakyat yang tidak tercantum dalam Lampiran Surat Edaran ini, dapat di usulkan kepada Menteri PUPR dan pendanaannya diupayakan melalui LPDP atau lembaga donor lainnya; dan


J. Penutup.

Surat Edaran ini mulai berlaku pada tanggal ditetapkan.

Demikian disampaikan untuk dilaksanakan sebagaimana mestinya.

Ditetapkan di Jakarta
pada tanggal 21 Januari 2019

MENTERI PEKERJAAN UMUM DAN
PERUMAHAN RAKYAT,

M. BASUKI HADIMULJONO

JDIH Kementerian PUPR
LAMPIRAN I
SURAT EDARAN MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT
NOMOR: 02/SE/M/2019
TENTANG
PELAKSANAAN PENDIDIKAN LANJUTAN PROGRAM MAGISTER (S2) DAN DOKTORAL (S3) DI LINGKUNGAN KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

DAFTAR BIDANG STUDI PENDIDIKAN MASTER DAN DOKTORAL PRIORITAS KEMENTERIAN PUPR

<table>
<thead>
<tr>
<th>LATAR BELAKANG PENDIDIKAN</th>
<th>NO.</th>
<th>BIDANG STUDI</th>
<th>BIDANG KERJA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. TEKNIK</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>- Jurusan Teknik rumpun</td>
<td>1</td>
<td>Water Resources Infrastructure Engineering (Dam, Irrigation, Swamp, River and Coastal)</td>
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<td>- ke-PU-an:</td>
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<tr>
<td>1. Teknik Sipil;</td>
<td>2</td>
<td>Teknologi Sumber Daya Air dan Hidrologi / Water Engineering and Hydrology</td>
<td>Pengairan, Jalan dan Jembatan, Permukiman,</td>
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<tr>
<td>2. Arsitektur;</td>
<td>3</td>
<td>Teknik Hidrolika / Hydraulic Engineering</td>
<td>Pengairan, Permukiman</td>
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<td>3. Teknik Lingkungan;</td>
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<td>Water Security</td>
<td>Pengairan, Permukiman</td>
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<td>4. Planologi/PWK;</td>
<td>5</td>
<td>Hidroinformatika / Hydroinformatic</td>
<td>Pengairan, Permukiman</td>
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<tr>
<td>5. Teknik Geologi;</td>
<td>6</td>
<td>Teknologi Air Bawah Tanah / Ground Water Engineering</td>
<td>Pengairan, Jalan dan Jembatan, Permukiman</td>
</tr>
<tr>
<td>6. Teknologi Geodesi;</td>
<td>7</td>
<td>Perancangan Jembatan / Bridge Engineering Design</td>
<td>Jalan dan Jembatan</td>
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<tr>
<td>- Jurusan Teknik lain</td>
<td>8</td>
<td>Terowongan Ruang Bawah Tanah / Tunnel Engineering</td>
<td>Jalan dan Jembatan</td>
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<td>yang relevan</td>
<td>9</td>
<td>Rekayasa Jalan dan Jembatan / Road and Highway Engineering</td>
<td>Jalan dan Jembatan</td>
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<td>10</td>
<td>Geoteknik / Geotechnical Engineering</td>
<td>Pengairan, Jalan dan Jembatan, Permukiman, Perumahan</td>
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<td>11</td>
<td>Teknologi Bahan dan Pengelolaan Sarana Prasarana / Building Material Engineering</td>
<td>Pengairan, Jalan dan Jembatan, Permukiman, Perumahan</td>
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<td>12</td>
<td>Mechanical and Electrical Equipment</td>
<td>Pengairan, Jalan dan Jembatan, Permukiman, Perumahan</td>
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</tbody>
</table>

JDIH Kementerian PUPR
<table>
<thead>
<tr>
<th>LATAR BELAKANG PENDIDIKAN</th>
<th>NO.</th>
<th>BIDANG STUDI</th>
<th>BIDANG KERJA</th>
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<td></td>
<td>13</td>
<td>Rekayasa Struktur Bangunan / Building and Structure Engineering</td>
<td>Perumahan, Perumahan</td>
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<td>14</td>
<td>Teknik Lingkungan / Enviroment Engineering</td>
<td>Pengairan, Jalan dan Jembatan, Perumahan</td>
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<td>15</td>
<td>Teknik Sanitasi / Sanitation Engineering</td>
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<td>16</td>
<td>Teknologi Perkuatan Bangunan / Retrofitting</td>
<td>Perumahan, Perumahan</td>
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<td>17</td>
<td>Bangunan Hijau / Green Smart Building</td>
<td>Perumahan, Perumahan</td>
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<td></td>
<td>18</td>
<td>Keselamatan Gedung / Building Safety / Fire Safety</td>
<td>Perumahan, Perumahan</td>
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<td></td>
<td>19</td>
<td>Forensik Gedung / Building Forensic</td>
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<td>Rekayasa dan Manajemen Bangunan Tinggi / High-rise Building Management and Engineering</td>
<td>Perumahan, Perumahan</td>
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<td>21</td>
<td>Building Information Modelling</td>
<td>Perumahan, Perumahan</td>
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<td>22</td>
<td>Value Engineering</td>
<td>Jasa Konstruksi, Kesekretariatan</td>
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<td>23</td>
<td>Mitigasi Bencana / Disaster Mitigation</td>
<td>Pengairan, Jalan dan Jembatan, Perumahan</td>
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<td>24</td>
<td>Geologi / Geology</td>
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<td>25</td>
<td>Geodesi / Geodetic</td>
<td>Pengairan, Jalan dan Jembatan</td>
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<td>26</td>
<td>Manajemen Proyek Konstruksi / Construction Project Management *)</td>
<td>Semua Bidang Kerja</td>
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<td>27</td>
<td>Rekayasa Keselamatan Konstruksi / Construction Safety *)</td>
<td>Pengairan, Jalan dan Jembatan, Perumahan, Jasa Konstruksi</td>
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</tbody>
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**B. NON TEKNIK**

<table>
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<tr>
<th>Jurusan non-Teknik:</th>
<th>28</th>
<th>Ilmu Hukum, Hukum Kontrak Konstruksi / Law, Construction Contract Law</th>
<th>Jasa Konstruksi, Kesekretariatan</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Ekonomi;</td>
<td>29</td>
<td>Manajemen Keuangan Pembiayaan Infrastruktur / Infrastructure Financing</td>
<td>Pembiayaan, Jasa Konstruksi, Perencanaan</td>
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<tr>
<td>2. Hukum;</td>
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<td>3. Informatika;</td>
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<td>No.</td>
<td>Latar Belakang Pendidikan</td>
<td>Bidang Studi</td>
<td>Bidang Kerja</td>
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<td>4</td>
<td>Komunikasi; Sosial; Admins; Jurusan lainnya yang relevan.</td>
<td>30 Akuntansi / Accounting</td>
<td>Audit keuangan, Kesekretariatan</td>
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<td>31</td>
<td>Manajemen Aset Infrastruktur / Infrastructure Asset Management</td>
<td>31 Manajemen Aset Infrastruktur / Infrastructure Asset Management</td>
<td>Kesekretariatan</td>
</tr>
<tr>
<td>32</td>
<td>Manajemen SDM / Human Resource Management</td>
<td>32 Manajemen SDM / Human Resource Management</td>
<td>SDM, Kesekretariatan</td>
</tr>
<tr>
<td>33</td>
<td>Manajemen Resiko Pembiayaan/ Finance - Risk Management</td>
<td>33 Manajemen Resiko Pembiayaan/ Finance - Risk Management</td>
<td>Pembiayaan, Jasa Konstruksi, Perencanaan</td>
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<td>34</td>
<td>Sistem Informasi / Informatics</td>
<td>34 Sistem Informasi / Informatics</td>
<td>Data dan Informasi</td>
</tr>
</tbody>
</table>

MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT,

ttd

M. BASUKI HADIMULJONO

Salinan sesuai dengan aslinya

KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

Kepala Bidang Hukum,

Putranta Setyana Graha, SH. MSI.
NIP. 196212251993011001

JDIH Kementerian PUPR
LAMPIRAN II
SURAT EDARAN MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT
NOMOR /SE/M/2018
TENTANG
PELAKSANAAN PENDIDIKAN LANJUTAN PROGRAM MAGISTER (S2) DAN DOKTORAL (S3) DI LINGKUNGAN KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

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<tr>
<th>SEKRETARIAT JENDERAL</th>
<th>BPSDM</th>
<th>UNIT ORGANISASI</th>
<th>UNIT KERJA</th>
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<tr>
<td>Informasi penawaran beasiswa</td>
<td>Evaluasi dan reviu penawaran beasiswa</td>
<td>Surat penawaran beasiswa</td>
<td>Analisis SDM dan beban kerja</td>
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<td>Menugaskan dan mengusulkan pegawai untuk mengikuti seleksi sesuai kebutuhan kompetensi</td>
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<td>Reviu usulan dan keseusiaan berdasarkan kriteria</td>
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<td>Tidak Direkomendasikan</td>
<td>Usulan pegawai yang akan mengikuti beasiswa</td>
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<td>Direkomendasikan</td>
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<td>Surat rekomendasi</td>
<td>PNS mengikuti proses seleksi</td>
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MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT,

ttd

M. BASUKI HADIMULJONO

Salinan sesuai dengan aslinya
KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT
Kepala Biro Hukum,

Putranto Setyanugraha, SH. MSi.
NIP. 196212251993011001

JDIH Kementerian PUPR
KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT
SEKRETARIAT JENDERAL
Jalan Pattimura Nomor 20 – Kebayoran Baru - Jakarta 12110 Telepon 021-7246248 Faksimili 021-7246248

Nomor : PD 01 01-Sr/61
Lampiran : 
Sifat : S E G E R A
Hal : Tawaran Beasiswa Pemerintah Belanda
      Program Netherlands Fellowship Program (NFP)

Jakarta, 30 Januari 2019

Kepada Yth.
Sekretaris Badan Pengembangan Sumber Daya Manusia
di -
JAKARTA

Sehubungan dengan Informasi Secretary Water Science and Engineering Department (salinan email terlampir), bersama ini disampaikan dengan hormat :


2. Biaya keikutsertaan pada kegiatan tersebut ditanggung oleh Pemerintah Belanda.

3. Terkait hal tersebut, mohon bantuannya agar dapat menginformasikan tawaran program tersebut kepada Unit Organisasi di lingkungan Kementerian Pekerjaan Umum dan Perumahan Rakyat. Untuk informasi lebih lanjut dapat menghubungi marketing@un-ihe.org.


Demikian disampaikan, atas perhatian dan kerjasamanya diucapkan terima kasih.

Kepala Biro Perencanaan Anggaran dan Kerjasama Luar Negeri,

[Signature]

Ir. Trisasongko Widianto, Dipl.HE
NIP. 166102111986031002

Tembusan Disampaikan Kepada Yth.:
1. Sekretaris Jenderal, Kementerian PUPR (sebagai laporan)
2. Kepala Biro Kepegawaian dan Organisasi Tata Laksana, Setjen. Kemen. PUPR
10 Reasons to Study at IHE Delft

- 60 years of experience in graduate water education
- Close ties to the UN system
- Fully accredited programmes
- Gateway to Dutch water know-how
- Learner-centred, active learning
- Personal guidance and mentoring
- Internationally renowned lecturers and professors
- A truly international environment
- Live and study in a vibrant city in the heart of Europe
- Increase career prospects and become part of the largest global water alumni network

MSc Programmes
PhD Programme
Online & Short Courses

Education and Training Guide 2019
Delft is located in the historical centre of Delft, a city great charm characterized by ancient canals, beautifully monuments and historic squares. It is also a young, grant city with a large student population and an ideal starting point to explore the Netherlands and Europe.

Graduate education at IHE Delft is science-based and highly relevant for those interested in water and development.

WELCOME TO IHE DELFT

We invite you to come and join us in the urgent quest to meet the 2030 United Nations' Sustainable Development Goals. The education of water professionals throughout the world, to work on solutions to global water problems, is the most sustainable and likely to be one of the most effective approaches to these challenges.

On World Water Day 2013, the UN launched the International Decade for Action: Water for Sustainable Development 2018-2028 aiming to further improve cooperation, partnership and capacity development in response to the ambitious 2030 Agenda. As a member of both the UN and UNESCO Water Family, the role of IHE Delft in helping to achieve this agenda is very important. Education is fundamental to making this agenda a reality and on completing a course at IHE Delft, students are better equipped to tackle or advise on solving water-related challenges in their own country.

When we meet our alumni following their studies at IHE Delft, they often say the word 'transformation' when describing the impact of their education at IHE Delft. They mean much more than improving their career prospects or choice of promotion. The international environment that the Institute provides, learning in a multi-cultural context, the practical knowledge of academic staff who regularly work in the field and the vibrant nature of IHE Delft all make it an unforgettable, positive experience.

In addition to its wide range of programmes and specializations, IHE Delft provides its education in many formats to cater to the diverse needs of our students: full-time, Delft-based Master's courses, joint or double degrees, spending time in different countries, short courses for those with limited time and specialized needs, online to fit in with work and life commitments. tailor made training courses are designed for the specific requirements of a group and run in Delft or in the participants' country, to suit their requirements.

IHE Delft helps enhance the careers of those who are already working in the field of water, or interested to study the topic, by giving them the chance to broaden or deepen their expertise. As, increasingly, a wide range of skills and backgrounds is beneficial for the water sector, the Institute also welcomes students who wish to change their career path, provided they meet the eligibility requirements.

Since its establishment in 1957, the Institute has educated over 15,200 scientists, engineers and decision-makers from more than 165 countries. Many alumni reach senior positions in their home countries and become nationally and internationally recognized experts in their fields of specialization.

If contributing to solutions to global water challenges excites you, come and join our dynamic international community at IHE Delft and together we can work towards a better, safer and more sustainable 2030.

Professor Eddy Moors, Rector

www.un-tha.org
A Network for Life

A HOME IN THE HEART OF EUROPE

Delft is known for its historic town centre with canals, Delft Blue pottery, painter Johannes Vermeer and scientist Antony van Leeuwenhoek and its association with the royal House of Orange-Nassau.

Since Delft is a university city, there are plenty of cultural events to be enjoyed throughout the year, as well as museums and theatres. There is also an abundance of cafés and restaurants, catering to every taste and making time spent away from your studies an experience in itself.

Water has always played an important role in both the Netherlands’ and Delft’s history and continues to do so today. Therefore, it is no surprise that many science and technology organizations related to water have chosen Delft as their home base. IHE Delft maintains close working relationships with various Delft-based research and education institutes, such as the Delft University of Technology, NIOZ and the Delfland Water Board.

Delft is well connected to the Dutch public transport system, making The Hague, Rotterdam, Schiphol International Airport and Amsterdam easily accessible. It is a great location to start exploring other places of interest, both within the Netherlands and Europe.

THE INSTITUTE’S FACILITIES AND SERVICES

- Modern teaching and research laboratories in the fields of transport, water, process technology, fundamental and applied science, including laboratories, including molecular- and microengineering.
- A library with online access to national and international resources.
- A tailor-made programme featuring a wide variety of lectures, seminars and courses.
- A fully equipped lecture theatres and seminar rooms.
- A wide variety of social and cultural activities.
- International student health and counseling services.

YOUR INTERNATIONAL EXPERIENCE

Staff at the Institute simplify your transition to the Netherlands by organizing the annual ‘Introduction Days’. In these two weeks, they help you deal with various formalities such as accommodation permits, health insurance and bank accounts. Other activities during this period are an excellent way for new students to meet one another and receive the friendship and advice of senior students and the Institute’s staff.

Throughout your study period, IHE Delft organizes many social, cultural and sports events, allowing you to get the most out of your free time. Every year, trips are organized that stimulate you to discover Dutch culture, Delft, the Netherlands and Europe.

HOUSING

Delft is a university city, and therefore accommodation is scarce and expensive. This is why IHE Delft provides fully furnished accommodation to all students of the Institute’s programmes, available upon arrival and for the duration of the study period.
Today, several ministers, heads of water-related institutions and top scientists around the globe are IHE Delft graduates.

MSc Programmes

Delft offers five Master of Science programmes, with a total of specializations. The MSc Programmes educate students primarily in developing countries and countries in transition, as well as students from developed countries with a strong interest in water and development, to become creative problem solving professionals in the field of water and environment.

MAKE THE DELFT YOUR NETWORK

IHE Delft acts as a hub for partnerships and networks across the globe, linking global knowledge to local sector agendas. The Institute collaborates with an extensive range of public and private partners, comprising a wide range of fields and technical cooperation in human and institutional capacity building. These partners are at the international, United Nations, EU and national level. They include educational and research institutes, knowledge centres, the Dutch Water Sector, funding agencies, NGOs and governmental organizations.

These partnerships add value to many of the Institute’s activities.

ALUMNI NETWORK

Today, a number of ministers and government officials, heads of water-related institutions, and top scientists around the globe are IHE Delft graduates.

After graduation, you will be part of the largest partnership network of water professionals in the world. IHE Delft will continue to facilitate the communication between you, your former classmates, and the Institute. You will receive news about the Institute and the water sector on a regular basis through e-stories. You are invited to join an Alumni Association in your country, independent associations where you can meet fellow alumni and enjoy social and professional activities.

With a IHE Delft degree you will have taken a major step in your professional career. Many alumni reach prominent positions in which strategic, managerial, policy and decision-making components become major responsibilities of their functions. You will, over time, wish to keep your skills and knowledge refreshed, to stay up to date with changing professional demands. To cater to this need, the Institute’s refresher seminars are held annually in different countries, covering themes of direct relevance to these regions. Also, alumni are entitled to discounts on the tuition fee for attending IHE Delft short-term online courses, and purchasing publications.

www.ihe-delft.org/welcome
MSc PROGRAMMES

The MSc curricula are geared towards supporting a greater understanding of sustainable development and the inherent challenges in achieving that. In the programme, a mix of modern knowledge transfer methods includes lectures, workshops, role-play games, study tours, and field visits. Teaching staff and students come from all over the world and partnerships with related institutes and universities play an important role in teaching. The educational environment can therefore be called truly international; it is characterized by pluralism and diversity and stimulates students, while providing the studies, to develop communication skills that will enable them to disseminate their professional knowledge and skills effectively.

The research specializations start in October and take 18 months, the first year of which consists of taught modules that are given at the Delft. After successful completion of the taught modules, you will do individual research for a six-month period. The research deals with a practical or theoretical problem and may be carried out in collaboration with an organization outside the Netherlands, for example in the home country. Often, field data collection, laboratory or computer analysis work are part of the research. Research is always completed with a thesis and a public presentation of results.

The so-called joint programmes are MSc specialisations developed with and offered in collaboration with partner institutes. These joint programmes have varying start and end dates, and part of the programme is given at a partner institute in another country.

ACREDITATION

The Institute’s MSc programmes are accredited under legislation of The Netherlands. As such, the Delft is the body legally responsible for the Institute’s education and authorized to issue its degrees.

T-SHAPE COMPETENCY PROFILE

Effective problem solving in the field of water and environment requires knowledge-based competence from the physical sciences, water engineering, and/or the social sciences. The MSc curricula provide you with the so-called T-shape competency profile which enables you to cooperate within teams using various disciplines. The vertical bar of the T stands for a specialist deep knowledge-based competence. The horizontal bar represents transversal or working knowledge and skills from neighbouring disciplines, and also general academic skills, communication competencies and other professional skills. Thus, team members who each bring their respective specialist knowledge are able to function, i.e. sufficiently understood, each other in interdisciplinary problem solving.

www.sin-rwa.org/master
PhD PROGRAMME

Conducting research at IHE Delft is a unique experience, as you will work together with other researchers in a multinational and multidisciplinary environment. Your research will provide a firm academic foundation for you to play your part in providing solutions to the global challenges of sustainable water supply, quality and governance.

The PhD research of IHE Delft crosses the spectrum from engineering, information systems, habitat quality and the social and political realities that affect the use and abuse of water. All PhD fellows work within specific Chair Groups, but are encouraged to collaborate internally and externally to produce high quality results within IHE Delft’s research themes. Work often occurs within larger groupings and can include linking to the research topics that are a requirement of the Institute’s MSc programme and embedded in larger multidisciplinary projects.

You will often do research in collaboration with the Institute’s extensive network of research institutions, governmental and private sector partners throughout the world. Research often includes time in Delft and abroad, mostly in the home country of the research fellow. This directly supports the capacity development mission of the Institute and the agenda of the UN Sustainable Development Goals.

All PhD fellows are registered both with the IHE Delft Graduate School and with a partner university. This is normally a Dutch university with the legal authority to award the degree of PhD, although we also have some joint PhD programmes as part of funded networks of research. The time span of a PhD programme is usually planned for four years. The degrees are fully recognised in all parts of the world.

IHE DELFT INTERNATIONAL GRADUATE SCHOOL IN WATER AND DEVELOPMENT

Sustainable water use is frequently characterised by complex, so-called “wicked”, problems where traditional assumptions of knowledge, casualty and predictability may not apply. The fundamental importance of better connection between science, policy and society makes new demands on PhD graduates, who are increasingly expected to possess, not only a deep knowledge of their own discipline, but are additionally capable of placing that knowledge in a wider understanding of societal needs.

IHE Delft is well placed to play a significant role in supporting PhD level education that is targeted to water related problems, not only in the global south and countries in transition, but in as increasingly globalised world.

In 2015 IHE Delft established the Graduate School in Water and Development, to create a hub for a vibrant and an intellectually exciting research and development environment at the heart of the Institute. The vision of the Graduate School is to develop a stimulating research environment for PhD fellows and the staff of the Institute. PhD Fellows produce the majority of the research output of the Institute, and future developments are to further support academic quality and relevance in meeting the serious challenges of sustainable water use in increasingly difficult situations. Research activities are supported by an individual training plan that builds competencies directly related to the specific research programme, as well as wider interactive and awareness skills that are needed in a professional environment. Each PhD fellow develops his/her Training and Supervision Plan (TSP) that builds verified doctoral education credits.

Research is conducted by the following Chair groups:

13 Chair Groups

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<tr>
<th>Chair Group</th>
<th>10 Chair Group</th>
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<tr>
<td>Water Supply Engineering</td>
<td>Sanitary Engineering</td>
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<tr>
<td>Pollution Prevention &amp; Resource Recovery</td>
<td>Hydroinformatics</td>
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<tr>
<td>Sanitary Engineering</td>
<td>Knowledge &amp; Capacity Development</td>
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<td>Water Management</td>
<td>Land &amp; Water Development</td>
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<td>Water Governance</td>
<td>Aquatic Ecosystem</td>
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<td>Land &amp; Water Development</td>
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<td>Coastal Systems, Engineering &amp; Port Development</td>
<td>Coastal Systems, Engineering &amp; Port Development</td>
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<td>River Basin Development</td>
<td>Flood Resilience</td>
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www.ihe-delft.org/phd
Delft-based MSc Programmes

ONLINE COURSES

IHE Delft offers high quality online courses in many of the topics of significance in the water sector. The online courses are beneficial to professionals working in public and private institutions, NGOs, and academic institutions, and are ideal for professionals with jobs and families, who want to upgrade their skills from the comfort of their home or office. Each online course’s total study load is 140 hours. A four-month course thus takes around 8 hours of work per week. The guidance by lecturing staff during these online courses is intensive, and there are many opportunities to get feedback from and interact with fellow participants.

The web-based Moodle eCampus is used to disseminate training material and for communication. It contains learning tools such as presentations, videos featuring case studies from various countries, interviews with experts, quizzes and audio material, as well as a discussion area, where fellow participants and lecturers can meet each other. All courses run completely via eCampus, but course materials can be sent on CD as well.

For a list of online courses in 2019, see page 22.

ON-CAMPUS SHORT COURSES

IHE Delft conducts a wide range of short, innovative and highly specialized courses which are aimed at upgrading and refreshing the knowledge and skills of mid-career and senior experts. They are open for professionals - or groups of professionals - with a specific area of interest and a limited amount of time.

Short courses usually are one to three weeks in length. The focus and content vary from specialized and technical matters to challenges and approaches in management. Didactical methods used in these short courses include lectures, individual or group exercises in the classroom or at the computer, or in the laboratory. Field visits to relevant institutions are often part of a short course. These courses are designed to help professionals to develop knowledge and skills for solving practical problems and improve their professional capabilities.

For a list of short courses in 2019, see pages 24-25.

TAILORED TRAINING

Tailor-made courses are designed for clients whose staff require training in specific topics or who wish to develop a comprehensive knowledge base to address future challenges. The focus of the courses can be technical, managerial, strategic or operational, depending on the client’s priorities.

The training can be organized in groups of various sizes, from one to multiple organizations, sectors or regions. The training can vary in length and depth, ranging from a course lasting several days, to a tailored MSc programme in which regular components are mixed with case studies and modules requested by the client. Training can be delivered on-site or using IHE Delft’s eCampus as a base, or a combination of the two. A mixture of teaching techniques is utilized in creating tailor-made trainings, including lectures, workshops, role-plays, case studies and study tours to project sites throughout Europe or the region where the training takes place.

For advice on how IHE Delft could be of service to your organization, contact IHE Delft’s Liaison Officer. Their contact information is available from the website, see bottom of page.

PROFESSIONAL DIPLOMA PROGRAMME

The Graduate Professional Diploma Programme (GPDP) disseminates relevant knowledge and know-how to professionals who do not have the means or time to pursue a full-time Master’s course in that subject, or who already have a Master’s Degree in a related field and wish to specialize.

In the programme you will follow a sequence of four to five online courses, or-campus short courses or a combination of both. To ensure that the programme fits your personal circumstances, you select the courses of interest and a personal study plan will be designed in collaboration with a study advisor. The total duration of the programme depends on this study plan and varies between 1.5 to a maximum of 4.5 years.

For extra information on these tracks and courses, see page 23.

OPEN COURSEWARE

IHE Delft freely provides online educational materials, including recorded lectures and downloadable materials such as course notes, exercises, tools and public domain software on a wide variety of topics.

For a list of open courseware courses, see page 22.

SUMMER COURSES

Summer courses are meant to bring together students and professionals with different academic or professional backgrounds and explore a cross-cutting issue. Course topics include: water diplomacy, communication, leadership, entrepreneurship and gender. The courses are five days and usually held in August.

Check our website regularly or subscribe to our e-newsletter to stay tuned with updates about the 2019 summer courses.
MSc PROGRAMME IN ENVIRONMENTAL SCIENCE

Develops the necessary knowledge and skills to contribute to a sustainable and innovative future for the protection and management of water and natural resources.

Integrating science, technology and policy making as the world enters a period of increasing pressures that cause impact on the environment and human well-being, sustainable development needs to integrate scientific knowledge with technological developments and effective policies. The MSc programme in Environmental Science builds the knowledge and skills necessary to meet the environmental challenges in an integrated way. Each of the programme’s specializations provides the essential in-depth knowledge, supported by a broader set of skills, so that graduates of the programme can play their part in a sustainable and innovative future for protection and management of water and natural resources.

The MSc programme in Environmental Science equips professionals with the necessary capabilities for sustainable natural resource management by offering a systems approach. This means you will investigate subsystems and their interactions at global, regional and local scales without losing sight of the overall picture. The programme balances a thorough knowledge of the disciplines taught by each of the programme’s specializations, and the added value of bringing these disciplines together in one coherent programme.

Admission to the programme is open to students and professionals with an interest in environmental sciences and in maintaining environmental integrity to support human development, especially for those interested in helping meet future water and environmental challenges in developing countries and countries in transition. Suitable academic backgrounds include a BSc or MSc in natural sciences, chemistry, environmental science, agriculture, geography, environmental economics, planning and management or engineering. Professional experience in a relevant area is desirable.

Basic knowledge of mathematics, physics and chemistry is a prerequisite. Computer literacy is a valuable asset. Good conversational, reading and writing capabilities in the English language are essential to successfully complete the programme.

Application

You can apply for admission to the MSc Programmes online at our website throughout the year, but make sure to apply well before the application deadline, so you will have time to make the financial arrangements and prepare for your studies at IHE Delft.

Admission Requirements

- Bachelor Degree in a related field of study.
- English Language (IELTS: 6.0 / TOEFL IBT: 67 overall or Pet: 562/45).
- Two or more years of work experience in a related field is preferred.
- The MSc Programme in Sanitation also requires an entry exam.

Scholarships

Most scholarship programmes have a deadline much earlier than the deadline of our MSc Programmes. See: www.ihe-delft.org/scholarships

Joint Programmes

Our Joint Programmes have varying start and end dates and a different duration. See website for more information.

Stay Fresh

IHE Delft promotes Life Long Learning: After a few years, enrol in a refresher course, or a short or online course.

After Graduating

- Join the IHE Delft Alumni Community
- Resume or start your work in the water sector
- PhD Programme - 4 years (see page 8)

IHE Delft in Environmental Science
IHE Delft in Urban Water and Sanitation
IHE Delft in Water Management and Governance
IHE Delft in Water Science and Engineering
MSc PROGRAMME IN URBAN WATER AND SANITATION

Educates professionals in the fields of water supply, sanitation and integrated water engineering and management, particularly in urban areas.

Recent decades have witnessed an increasing rate of urbanization, particularly in developing regions and in countries in transition. About 80% of the world’s population can be found in these regions. The high concentration of people in urban areas is placing enormous pressure on the local environment and on available resources. It also generates even higher demands on municipal services such as water supply and sanitation, continuously challenged by the lack of financial and human resources.

SPECIALIZATIONS

SANITARY ENGINEERING

You will learn how to deal with wastewater and sludge treatment processes, operation, maintenance and design, including urban drainage and sewerage, centralized and decentralized systems and land-based and engineered treatment plants.

**Prospective Students**

This specialization is designed for students who are interested in operation, maintenance and design of wastewater treatment plants and sludge management.

**Topics**

- Urban Drainage and Sewerage
- Conventional Wastewater Treatment
- Resource Oriented Wastewater Treatment and Sanitation
- Wastewater Treatment Plants Design and Engineering
- Sludge Engineering
- Modelling Wastewater Treatment Processes and Plants
- Industrial Effluent Treatment and Residuals Management
- Waste and Sludge Management

WATER SUPPLY ENGINEERING

You will learn in detail the technical aspects of drinking water treatment and distribution in an integrated way, paying attention to the choice of technologies and tools, ranging from low-to-auxiliary advanced, engineered to natural treatment systems, and centralized to decentralized systems.

**Prospective Students**

This specialization is designed for students interested in the collection, purification and distribution of drinking water in urban areas.

**Topics**

- Urban Water Supply Engineering
- Water Distribution
- Water Treatment
- Water Quality and Hygiene
- Water Storage and Distribution
- Water Supply Technology and Management
- Water Supply and Distribution Systems
- Water Supply and Distribution in Rural Areas

URBAN WATER ENGINEERING AND MANAGEMENT

You will learn to deal with technical aspects of drinking water treatment and distribution in an integrated way, paying attention to the choice of technologies and tools, ranging from low-to-auxiliary advanced, engineered to natural treatment systems, and centralized to decentralized systems.

**Prospective Students**

This specialization is designed for students interested in water engineering and management in urban areas.

**Topics**

- Water and Sanitation Management
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Operations
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

SPECIALIZATIONS

APPLIED AQUATIC ECOLOGY FOR SUSTAINABILITY

You will gain a thorough understanding of the natural processes in aquatic ecosystems and be able to apply this knowledge to sustainable management of aquatic ecosystems and good water quality in a multidisciplinary setting.

**Prospective Students**

This specialization is designed for students interested in the management and conservation of aquatic ecosystems, including fish, invertebrates, macrophytes, and algae. Students will learn about the role of aquatic ecosystems in the environment and the importance of maintaining their health.

**Topics**

- Aquatic Ecology Processes and Applications
- Aquatic Ecosystems
- Aquatic Systems Analysis
- Water Quality Assessment and Monitoring
- Senior and Postgraduate Water and Sanitation Technology
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

ENVIROMENTAL PLANNING AND MANAGEMENT

You will be introduced to research and development leading to technologies that address environmental problems, and will be able to support policy and decision-making for sustainable and strategic water and environmental management in urban and rural areas.

**Prospective Students**

This specialization is designed for students interested in environmental planning and management. Students will learn about the development and application of technologies that contribute to the treatment of wastewater and the recovery of energy and other resources. Students will also learn about the role of environmental science, agriculture, social sciences, geography, environmental economics, planning and management.

**Topics**

- Water and Environmental Law
- Environmental Systems Analysis
- Water Quality Assessment and Monitoring
- Senior and Postgraduate Water and Sanitation Technology
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

ENVIRONMENTAL SCIENCE AND TECHNOLOGY

You will be introduced to research and development leading to technologies that address environmental problems, and will be able to support policy and decision-making for sustainable and strategic water and environmental management in urban and rural areas.

**Prospective Students**

This specialization is designed for students interested in environmental planning and management. Students will learn about the development and application of technologies that contribute to the treatment of wastewater and the recovery of energy and other resources. Students will also learn about the role of environmental science, agriculture, social sciences, geography, environmental economics, planning and management.

**Topics**

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- Environmental Systems Analysis
- Water Quality Assessment and Monitoring
- Senior and Postgraduate Water and Sanitation Technology
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

ENVIRONMENTAL TECHNOLOGY AND ENGINEERING

You will learn about the structure and functioning of aquatic ecosystems and be able to apply this knowledge to sustainable management of aquatic ecosystems and good water quality in a multidisciplinary setting.

**Prospective Students**

This specialization is designed for students interested in the management and conservation of aquatic ecosystems, including fish, invertebrates, macrophytes, and algae. Students will learn about the role of aquatic ecosystems in the environment and the importance of maintaining their health.

**Topics**

- Aquatic Ecology Processes and Applications
- Aquatic Ecosystems
- Aquatic Systems Analysis
- Water Quality Assessment and Monitoring
- Senior and Postgraduate Water and Sanitation Technology
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

LIMNOLOGY AND WETLAND MANAGEMENT

You will learn about the structure and functioning of aquatic ecosystems and be able to apply this knowledge to sustainable management of aquatic ecosystems and good water quality in a multidisciplinary setting.

**Prospective Students**

This specialization is designed for students interested in the management and conservation of aquatic ecosystems, including fish, invertebrates, macrophytes, and algae. Students will learn about the role of aquatic ecosystems in the environment and the importance of maintaining their health.

**Topics**

- Aquatic Ecology Processes and Applications
- Aquatic Ecosystems
- Aquatic Systems Analysis
- Water Quality Assessment and Monitoring
- Senior and Postgraduate Water and Sanitation Technology
- Water and Sanitation Policy Analysis
- Water and Sanitation Planning
- Water and Sanitation Projects
- Water and Sanitation Technology
- Water and Sanitation Systems
- Water and Sanitation in Rural Areas
- Water and Sanitation in Urban Areas

Diploma in Environmental Science and Technology

This specialization is offered jointly with the Asian Institute of Technology, Thailand.

www.mSc.org

This specialization is jointly offered with BCRU, University of Natural Resources and Life Sciences, Austria, and Egorov University, Kenya.
MSc PROGRAMME IN WATER MANAGEMENT AND GOVERNANCE

The MSc programme in Water Management and Governance provides a unique combination of knowledge, skills and competencies to help comprehensively analyze, critically reflect and effectively contribute to solving contemporary water problems. The question of how to balance objectives of social equity with those of ecological integrity and productivity are at the heart of societal efforts to deal and live with water. In answering this question, science and data are always deeply intertwined with particular visions on development, moral world views, and economic or geopolitical interests. This is why the study programme pays explicit critical attention to the definition and workings of authority and power, and to the organisation of democracy in water.

As solutions to water problems always consist of a combination of engineering, institutions and organisations, this programme brings together insights about water quality and quantity - and hence of every biophysical and hydrological processes - with understandings of the infrastructural, political and institutional arrangements to regulat its access, allocation, treatment, use and discharge. Courses on offer thus range from those that are rather technical or natural science-oriented (focussing on physical, biological or technical processes) via more skills-oriented modules aimed at acquiring the ability to 'do' water management and governance effectively (law, conflict resolution, mediation, modelling, environmental assessment) to more interpretive social science courses.

Throughout the programme, there is a lot of attention to different ways of integrating these different disciplines and sources of knowledge.

The programme’s anchor are water problems that are experienced by relevant actors - users, operators, policymakers, politicians, experts - in their everyday dealings with water. The applicability of taught practical and analytical skills for dealing with actual water management and governance situations is therefore the most crucial measure of its value. However, by deepening their insights about how socio-natural processes shape water flows and vice-versa, the programme not just provide tools to solve problems, but also develops students' theoretical ability to critically compare and reflect on proposed solutions, measuring their effectiveness against water environmental and social objectives.

An important target audience for the programme are water professionals from Southern countries. However, we also welcome students from other disciplinary and professional backgrounds (lawyers, journalists, entrepreneurs, activists) or countries of origin who aim to specialise in water, and who are open to less experienced students who are interested in studying at IHE Delft because it gives them a unique, broad and interdisciplinary background in contemporary water management and governance questions. The programme's overall ambition is to train and educate reflective water professionals and experts who have the knowledge and capacity to develop, plan, implement and evaluate water management and governance policies and strategies in support of the ecologically wise and ecologically equitable use of water.

In line with the overall IHE Delft approach to education, the programme's content is diverse: lectures by experts in the field are complemented by practical assignments, work in the laboratory, tutorials and group work. Innovative distance learning and electronic interactive educational tools support the programme. Throughout the educational cycle, lecturers and professors make creative use of opportunities to build on and learn from the rich experiences of students. More generally, the programme is student-centred, which means that students have a large degree of freedom to put together the curriculum that best fits their choice, interests and needs.

MSc PROGRAMME IN SANITATION

The state-of-the-art content was developed and is delivered by the world's leading experts from academia and practice. In this practice-oriented programme you will gain an in-depth understanding of urban and peri-urban sanitation and develop the skills necessary to create impact. Skills development is embedded from the start through individual coaching and tailored guidance. Preparing (e-learning) courses and entry interviews are included. All graduates will benefit from a dedicated career development programme, supported by the Bill and Melinda Gates Foundation and will become a member of the Global Fecal Sludge Management Learning Alliance and pellet community.

Target group
The MSc programme is dedicated to target needs and deliver specialists in a short time, with the necessary qualifications. It aims to attract talented and ambitious young and mid-career sanitation professionals, working in water supply and sewerage companies, municipal assemblies, government ministries, NGOs and consulting firms. Ideally these individuals are dealing with urban and peri-urban sanitation, especially in informal settlements. Participants should have a Bachelor's or equivalent engineering degree (e.g. civil, sanitary, environmental etc.).

Programme structure
The 68 ECTS points programme consists of a taught and a thesis research part. The taught part has a modular structure, comprising 13 modules ranging from 1 to 6 weeks duration, including lectures, laboratory tutorials, field trips, case studies, group work, design exercises and discussions. Students will get to work in the newly constructed fecal sludge laboratory, which is the only specialist laboratory of its kind in the global north.

The individual thesis research (28 ECTS), follows on completion of the taught programme, although, in order to avoid a 'cold start' and to guarantee sufficient time, students will be allocated a research topic and will start preparing for their individual research early on in the programme. The field work part of the research will preferably take place in a developing country, hosted by one of IHE Delft's academic partners and supervised locally by partner institution's staff. To enable students to pass the entry exam, a set of preparatory e-learning courses are available for those who may need to increase their knowledge in one or more subjects as prerequisite for the programme.

Syllabus
The programme focus is on non-sewered sanitation, as sewerage-based sanitation is the subject of the complementary specialisation in Sanitary Engineering. The programme design and module plans have been prepared in cooperation with partners from academia and practice. The input from practice was essential as the new programme has a clear professional focus. The course content facilitates learning objectives and achievement of final qualification.

The following topics are part of the programme:
- Introduction to Sanitation
- Sanitation Systems and Services
- Sanitation and Public Health
- Analysis of Sanitation Flows
- Sanitation Technology
- Sanitation Governance
- Sanitation Financing
- Behaviour Change and Advocacy
- Emergency Sanitation
- Leadership
- Project Management
- Teamwork Skills Development
- Research Methods for Sanitation

Check our website regularly or subscribe to our e-newsletter to stay tuned with updates about this programme.
**Specialization / Thematic Profiles**

**Water Cooperation and Diplomacy**

You will study socio-hydrological dynamics, decision-making processes on water resources and services management, water cooperation and diplomacy, water dispute prevention, management and resolution skills and tools.

**Groundwater and Global Change - Impacts and Adaptation**

You will develop scientific and engineering knowledge and skills needed to assess, understand and mitigate the interactions between human activities and the surface water, climate and geology system, so as to better track water and benefit from those interactions when dealing with adaptation.

**Water Conflict Management**

You will study water conflict with a focus on alternative dispute resolution processes and develop the skills required to prevent, manage and resolve water-related conflicts.

**Water Quality Management**

You will study the water management activities in aquatic ecosystems, as well as possible remedial actions, considering different levels of environmental stress and in various socio-economic contexts.

**Water Resources Management**

You will study water management connected to water use, and seek to develop alternative and new use and water allocation policies. This includes legal and institutional arrangements from the local watershed to the basin scale and beyond.

**Water Services Management**

You will study the provision of water and sanitation services, as well as the management of related infrastructure and critically review institutional and business models concerning different socio-economic contexts.

**Tailor Made Study Profile**

The Tailor made study profile offers the possibility for students to compose their own study trajectory within the Water Management and Governance Master Programme. After a foundation phase during which students are exposed to the different disciplines involved in the water management domain, students can compose a study profile from a wide range of available courses and a variety of thesis research topics to ensure that the educational programme is fully aligned with their professional needs. They will be guided in this process by professional coaches who will encourage students to reflect on their knowledge and skills, advise them on career possibilities and assist them in selecting a suitable tailor-made study profile. The coaches have extensive knowledge of the needs of the water sector in various parts of the world and students' employers will be consulted in the process when needed. Prospective water management students may only wish to compose a study profile from a wide range of available courses and a variety of thesis research topics to ensure that the educational programme is fully aligned with their professional needs. The prospective students may have bachelor or master degrees in Engineering, Natural and Social Sciences, Arts, Law, Geography etc.
Focuses on the understanding, management and development of water resources and water flows and quality in the natural and human-influenced environment, while addressing the multidisciplinary character of human activities dealing with water.

### HYDRAULIC ENGINEERING

**HYDRAULIC ENGINEERING - RIVER BASIN DEVELOPMENT**

You will develop scientific and engineering knowledge needed to design and implement projects for sustainable use of river systems and their resources, in design and plan hydraulic structures and infrastructures to harness resources from flowing water, to model river flows and morphodynamics, and to manage extreme hydrological events at different scales of water projects (proudments, rivers, floodplains and water-related systems).

**Prospective Students**

Students and professionals interested in hydraulics, river basin development, prediction and mitigation of floods and droughts, water resources assessment, water supply, hydropower, land use and development, environmental survey and planning. Suitable academic backgrounds include civil or environmental engineering, science or environmental sciences or physics.

### HYDRAULOINFORMATICS - COASTAL ENGINEERING AND PORT DEVELOPMENT**

You will develop scientific and engineering knowledge and practical skills to plan, design and manage coastal engineering and port development projects, and learn to analyse coastal problems and conceive appropriate solutions.

**Prospective Students**

Students and professionals interested in mathematical modelling, advanced computational tools, wave- and sediment transport models and integrated hydroinformatics systems for planning, designing and managing the aquatic environment. Suitable academic backgrounds include civil or environmental engineering, earth and environmental sciences or physics.

### HYDROLOGY AND WATER RESOURCES**

You will deal with surface and groundwaters, addressing both water quantity and quality, learning to understand human influences on the hydrological system and apply tools, such as planning, design, for the proper integration of hydrological knowledge and analysis in water resources planning and management.

**Prospective Students**

Students and professionals interested in hydrology, river basin management, prediction and mitigation of floods and droughts, water resources assessment, water supply, hydropower, land use and development, environmental survey and planning. Suitable academic backgrounds include civil or environmental engineering, science or environmental sciences or physics.

### LAND AND WATER DEVELOPMENT FOR FOOD SECURITY**

You will learn to plan, design, operate and maintain land and water resources and water-related infrastructure, emphasizing the modernization of irrigation, drainage and remote sensing systems, and land use for agriculture.

**Prospective Students**

Students and professionals concerned with the development and management of land and water resources for agricultural purposes, with preferably two years work experience in irrigation, drainage and land development. Suitable academic backgrounds include agricultural, irrigation or civil engineering.

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**SUMMER COURSES**

**Biological Wastewater Treatment: Principles, Modelling and Design**

- **30 Jan 19** - **28 Mar 19**

**Open Source Software for Preprocessing GIS Data for Hydrological Models**

- **22 Jul 19** - **08 Aug 19**

**Industrial Resource Management and Cleaner Production**

- ** slated for 2019**

**Waste Disposal and Its Impact on the Environment**

- **slated for 2019**

**Water and Environmental Law and Policy**

- **slated for 2019**

**Water Supply and Distribution Systems**

- **slated for 2019**

**World Water Day**

- **slated for 2019**

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**Topics**

- **Hydraulic and Hydraulics**
- **River Basin Development and Environmental Impact Assessment**
- **Remote Sensing and Data Acquisition**
- **Hydraulics Design of Infrastructures**
- **River Hydraulics and Morphodynamics**
- **Hydroelectric and Dams**
- **Hydrological and Environmental Management and Reservoir Operations**

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**Delphi-based MSc specialization**

* Please check the website for updates.
ON-CAMPUS SHORT COURSES 2019

ENVIRONMENTAL SCIENCE
- Water Quality Assessment and Monitoring: 01/Apr/19 - 18/Apr/19
- Nanotechnology for Wastewater Treatment: 01/Apr/19 - 15/Apr/19
- Water and Environmental Policy Analysis: 03/Apr/19 - 15/Apr/19
- Environmental Planning and Implementation: 23/Apr/19 - 10/May/19
- Industrial Resources Management and Cleaner Production: 22/Apr/19 - 10/May/19
- Data Analysis and Modelling for Aquatic Ecosystems: 29/May/19 - 2/Jun/19
- Aquatic Ecosystems: Processes and Applications: 25/Jun/19 - 25/Jun/19
- Environmental Assessment for Water-related Policies and Developments: 10/Jul/19 - 29/Jun/19
- IPCC as a Tool for Adaptation to Climate Change: 03/Jul/19 - 11/Jul/19
- Solid Waste Management: 01/Jul/19 - 18/Jul/19
- Strategic Planning for Wiser Rapes and Dallas: 31/Jul/19 - 18/Jul/19
- Wetlands for Livelihoods and Conservation: 31/Jul/19 - 11/Jul/19

URBAN WATER AND SANITATION
- Unit Operations in Water Treatment: coagulation, sedimentation, filtration and filtration: 14/Jan/19 - 01/Feb/19
- Urban Drainage and Sewerage: 14/Jan/19 - 01/Feb/19
- Asset Management: 15/Feb/19 - 01/Mar/19
- Conventional Wastewater Treatment: 15/Feb/19 - 01/Mar/19
- Desalination, Desorption and Natural Phenomena for Water Treatment: 15/Feb/19 - 01/Mar/19
- Advanced Wastewater Treatment: 15/Feb/19 - 01/Mar/19
- Groundwater Resources and Treatment: 04/Mar/19 - 22/Mar/19
- Source Controlled Wastewater Treatment and Sanitation: 04/Mar/19 - 22/Mar/19
- Rainwater Treatment Plants Design and Engineering: 04/Mar/19 - 18/Apr/19
- Water Transport and Distribution: 04/Mar/19 - 18/Apr/19
- Advanced Water Treatment: 04/Mar/19 - 18/Apr/19
- Water and Membrane Technology: 04/Mar/19 - 18/Apr/19
- Modelling Wastewater Treatment Processes and Plants: 04/Mar/19 - 18/Apr/19
- Industrial Effluents Treatment and Residuals Management: 19/Mar/19 - 26/Mar/19
- Water Treatment Processes and Plant Design: 19/Mar/19 - 26/Mar/19
- Advanced Water Transport and Distribution: 01/Jul/19 - 16/Jul/19
- Desalinated Water Supply and Sanitation: 01/Jul/19 - 16/Jul/19
- Experimental Methods in Wastewater Treatment: 01/Jul/19 - 16/Jul/19
- Foulage Study and Management: 01/Jul/19 - 16/Jul/19
- GIS and Remote Sensing Applications for the Water Sector: 26/Oct/19 - 08/Nov/19

SANITATION
- Sanitation Systems and Services: 22/Apr/20 - 14/Apr/20
- Sanitation and Public Health: 13/May/19 - 26/May/19
- Analysis of Sanitation Flows: 27/May/19 - 04/Jun/19
- Sanitation Technology: 07/Jun/19 - 13/Jun/19
- Sanitation Governance: 22/Apr/20 - 10/Aug/19
- Sanitation Financing: 12/Aug/19 - 17/Aug/19
- Behaviour Change and Advocacy: 26/Aug/19 - 07/Sep/19
- Emergency Sanitation: 26/Sep/19 - 03/Oct/19
- Project Management: 26/Sep/19 - 12/Oct/19

GRADUATE PROFESSIONAL DIPLOMA PROGRAMME

Participants rated courses among clusters belonging to six different tracks.

The programme consists of a sequence of four or five online courses, in-campus short courses or a combination.

The number of ECTS points vary from 3 to 6 per course. The minimum study load for obtaining a diploma is 20 ECTS, which equals a workload of 560 hours.

To ensure that the programme fits the personal circumstances of the participant, a personal study plan will be designed in collaboration with a study advisor.

The total duration of the programme depends on this study plan, with a minimum of 1.5 and a maximum of 4.5 years.

For more information, please visit www.un-lit.org/ppo.

www.un-lit.org/ppo

* New courses and tracks currently being developed - please check the website for the latest information.
Delft-based MSc Programmes

www.un-ihe.org/master

The Delft-based 12-month curriculum of the MSc Programme in Sanitation consists of 68 ECTS credit points and has a Taught Part (39 ECTS credit points) and a Thesis Research Part (29 ECTS credit points).

The taught part has a modular structure, comprising 13 modules ranging from 1 to 6 weeks' duration. The individual thesis research, follows on completion of the taught programme, although, in order to avoid a 'cold start' and to guarantee sufficient time, students will be allocated a research topic and will start preparing for their individual research early on in the programme.
Hi Bu Grace dan Bu Dini,

Mungkin Bu Grace atau Bu Dini masih ada ide-2 mengenai calon untuk program ini? Informasi ini boleh disampaikan/diteruskan secara umum.

Salam,

Hans

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Subject: Scholarship opportunities Orange Knowledge Programme

In the current academic year UNESCO IHE Delft has welcomed over 80 MSc students from the Netherlands Fellowship Programmes (NFP) supported countries. The NFP has been replaced by a new scholarship programme, called the Orange Knowledge Programme (OKP), which also provides scholarship opportunities for our MSc programmes.

Important to know that:
1. Indonesia is on the list of countries whose citizens are eligible for fellowships for our MSc programmes.
2. For provisional academic admission to IHE Delft, the applicant must submit an employer's statement and a personal motivation letter in prescribed format.
3. The deadline for applying for admission to IHE Delft for application for OKP MSc fellowships is already 10 February 2019.
4. All of the above and more information can be found on the OKP page of the IHE Delft website.

Please encourage any subordinates, colleagues, students or friends who might be interested in studying at IHE Delft, in Coastal Engineering and Port Development or in any other area, to apply. Please visit our website, or download our Education Guide.
Should you wish to receive paper copies of the Education Guide, please send an email to marketing@un-ihe.org and mention the postal address and the number of copies you would like to receive.

If you have any further questions about the Coastal Engineering and Port Development MSc specialisation please contact a.semedo@un-ihe.org.

We would like to thank you in advance for supporting us in this effort.

Kind regards,

Martine Roebroeks
Secretary Water Science and Engineering Department

T +31 (0)15 2151741
KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT
SEKRETARIAT JENDERAL
Jalan Pattimura Nomor 20 – Kebayoran Baru - Jakarta 12110 Telepon 021-7246248 Faksimili 021-7246248

Nomor : PD 01 01-Sr/60
Lampiran :
Sifat : S E G E R A
Hal : Tawaran Beasiswa Pemerintah Australia
     Program Australia Awards in Indonesia

Jakarta, 30 Januari 2019

Kepada Yth.
Sekretaris Badan Pengembangan Sumber Daya Manusia
di -

JAKARTA

Sehubungan dengan Brosur Australia Award Scholarship (salinan brosur terlampir), bersama ini disampaikan dengan hormat:

1. Pihak Pemerintah Australia /Department of Foreign Affairs and Trade (DFAT) melalui program Australia Award in Indonesia membuka pendaftaran untuk Tahun Akademik 2020 yang akan di buka mulai pada tanggal 1 Februari s/d 30 April 2019.

2. Biaya keikutsertaan pada kegiatan tersebut ditanggung oleh Pemerintah Australia.

3. Terkait hal tersebut, mohon bantuannya agar dapat menginformasikan tawaran program tersebut kepada Unit Organisasi di lingkungan Kementerian Pekerjaan Umum dan Perumahan Rakyat. Untuk informasi lebih lanjut dapat dilihat melalui situs www.australiaawardsindonesia.org/id/GOI.


Demikian disampaikan, atas perhatian dan kerjasamanya diucapkan terima kasih.

Kepala Biro Perencanaan Anggaran dan
   Kerjasama Luar Negeri,

Ir. Trisasongko Widiyanto, Dipl.HE
NIP. 196102111986031002

Tembusan Disampaikan kepada Yth.:
1. Sekretaris Jenderal, Kementerian PUPR (sebagai laporan)
2. Kepala Biro Kepegawaian dan Organisasi Tata Laksana, Setjen. Kemen. PUPR
Apakah kamu ingin menjadi generasi pemimpin global berarti dan merubah perubahan lingkungan profesional dan masyarakat? Australia Awards Scholarships menawarkan kesempatan untuk mendapatkan pendidikan kelas dunia dan menjadi pemimpin yang berpengaruh bagi pembangunan serta mempunyai dedikasi yang kuat dengan Australia.

**Australia Awards Scholarships?**

Australia Awards Scholarships merupakan beasiswa internasional yang dirancang untuk mendorong pelajar di bawah 30 tahun untuk memperluas pengalaman belajar ke Australia dan mendapatkan pengalaman langsung di dunia kerja. Beasiswa ini membuka peluang bagi pengembangan karir bagi pelajar dan mempromosikan peningkatan kualitas pendidikan dan pelatihan di seluruh dunia. Beasiswa ini dapat memberikan peluang bagi pelajar untuk mempelajari dalam lingkungan yang berbeda dan memperkaya pengalaman mereka.

**Australia Awards di Indonesia**

Australia Awards di Indonesia adalah program beasiswa yang ditujukan untuk mempromosikan pengembangan pendidikan dan penelitian di Indonesia dan Australia. Beasiswa ini diberikan kepada pelajar dan peneliti yang memiliki kualifikasi dan pengalaman yang sesuai dengan kebutuhan dan kepentingan program.

**Laode Muhammad Syarif**

Master of Laws, The Queensland University of Technology (QUT) dan PhD in Law, The University of Sydney

Ketua Komisi Pemberantasan Korupsi Republik Indonesia

"Pengalaman pendidikan saya di QUT dan University of Sydney telah memberikan pengaruh yang positif terhadap karir saya sebagai akademisi dan juga sebagai aktifis lingkungan dan anti korupsi."

Loloslah di Australia Awards Indonesia, mulai dari penilaian, seleksi, hingga ujian, berarti Anda telah memasuki tahap terakhir dalam proses beasiswa ini. Kesabaran dan kerja keras adalah kunci untuk sukses dalamnya. Jika Anda berhasil, Anda akan menjadi bagian dari jaringan alumni Australia Awards di Indonesia, yang terdiri dari para pemimpin dan aktifis di berbagai bidang. Selamat berjuang!
Mampu harus mendaftar Australia Awards Scholarships?
Australia Awards memberikan kesempatan untuk:
• Belajar di tingkat panjang dengan Master atau PhD di universitas pilihan di Australia.
• Berpartisipasi dalam Short Term Awards bagi calon penerima masuk depan dan pengembangan keahlian di Indonesia untuk membantu hubungan yang kuat dengan Australia.
• Mendapatkan manfaat dari pelatihan sebelum keberangkatan di Indonesia dan Pengenalan Program Akademik di Australia, biasa kutil, biasa hidup, biasa penerimaan ke dan dari Australia.
• Ikut serta dalam program On-Awards untuk membagikan hubungan sektor serta penerapan. biasa beasiswa dan rasa Australia serta memberikan pengalaman dengan menjalankan tugas, hubungan organisasi dan profesi.
• Bergabung dengan kelompok 9.000 alumni Australia Awards dari Indonesia dan lebih dari 7.000 alumni dari negara yang telah bekerja di berbagai tingkat di Australia – biasanya membantu memberikan keahlian yang bermanfaat.

Bagaimana saya bisa mendaftar?
• Bisa Melalui Australia Awards di Indonesia dan situs Mendaftar di situs Australia Awards Indonesia: www.australiawardsindonesia.org
• Dapat secara online di: https://easylearn.gov.au
• Catatan: Apabila secara online, gunakan akun email dengan bahasa Indonesia terlebih dahulu.
• Setelah mendaftar di OAMS, silakan lengkapi Additional Information for Online Application di situs Australia Awards di Indonesia. http://www.australiawardsindonesia.org/content/03/12/how-to-apply/hub-Howe dan catatkan nomor registasi.
• Pendaftaran diukur mulai 1 Februari 2019 sampai 30 April 2019.

Informasi Mengenai Long Term Awards untuk intake 2020
Apa manfaat dari Australia Awards?
Australia Awards Scholarships ditawarkan selama periode minimum 1 tahun dengan maksimal 3 tahun untuk menyiapkan calon alumnus atau untuk mengembangkan karir di Indonesia. Penawaran ini ditawarkan kepada penerimaan baik calon calon kalangan akademik dalam pendidikan neutral atau pelatihan.

Siapa yang bisa mendaftar?
• Bisa calon menerima lulusan pada wakaf negara Indonesia untuk mengembangkan peluang karirnya di perusahaan mereka di Australia.
• Calon calon dengan latar belakang dari Australia dan latar belakang terkenal dengan kompeten untuk mendaftar.

Aditya Maudika Noverdi
Master of Communications and Media Studies, Monash University
Public Relations di Indonesia
“Belajar di Australia membuka kesempatan untuk mempertahankan suasana di bidang komunikasi dan media, sehingga menjadi semakin memproduksi peluang yang bermanfaat untuk mengembangkan karirnya di Indonesia. Australia juga diikuti dengan kemajuan kepada terbaik yang sangat relevan dan bermanfaat untuk semakin bahasa saya.”
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science, University of I
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dan yang saya manfaatkan untuk
maupun lembaga
maupun Oton Traditional di
yang bermanfaat untuk
perkembangan tradisional

pendaftaran Long Term Awards?
Term Awards baru, memenuhi semua
ing terdiri dalam Panduan kegiatan
lah dapat diakses:
:austriauni/publications/Paper/
do-education/australia-handbook.aspx
Indonesia harus memenuhi kondisi
untuk bidang studi yang
a prioritas pembangunan (atau
budi Photobat di atas):

- Memenuhi IPK minima: 2,9 (dengan skala
mata kuliah) di jurusan pendidikan terkait.
Untuk pelamar dari Asia Tenggara Geografi
dan pelamar luar negeri memenuhi IPK minimal
2,75 (dengan skala mata kuliah 4) di jurusan
pendidikan terkait;
- Untuk pelamar program Master - memenuhi
kemampuan bahasa Inggris minimal 6,5 untuk
IELTS (atau 525 untuk TOEFL), 48 untuk
TOEFL, 48 untuk IELTS dan 54 untuk PTE
akademik; Untuk pelamar program Master dari Asia Timur,
Geografi dan pelamar luar negeri - memenuhi
IELTS 5,5 atau 500 untuk TOEFL, 48 untuk
IELTS, 54 untuk PTE akademik;
- Untuk pelamar program PhD - memenuhi
kemampuan bahasa Inggris minimal 6,0 untuk
IELTS (atau 550 untuk TOEFL, 48 untuk
IELTS, 54 untuk PTE akademik); atau
Saranan manfaat sejarah, yang mendapat
untuk pandegangan Master, dan memegang gelar
Master, diakui sebagai pelaksanaan untuk program PhD
(jelaskan pendekatan spesifik atas pelaksanaan
diketahui sebagai pelaksanaan Master)
Bagi pelamar PhD, melanjutkan bulan
kotak berikut sebagai contoh pembahasan di
Universitas Australia terkait bidang studi dan
proposisi penelitian yang diusulkan;
Bagi pelamar PhD sebaiknya telah
memenuhi syarat atau dengan minimal
25% komposisi penelitian;
Bagi pelamar PhD, dipotong atau
bagi yang
berdasarkan sebagai satu dari universitas, institusi
penelitian non-universitas, publik
diketahui, dari yang bekerja di lembaga lain
Kementerian Pendidikan dan
Pengajaran Indonesia;
hasil (IELTS, TOEFL), dan PTE akademik harus
yang tersedia - hasil tes yang dipilih dalam
singkatan waktu 2 tahun terakhir dianggap baru (dari
diri periode 30 April 2017 - 30 April 2019);
Rincian kontak dari pelamar harus
diterima untuk verifikasi hasil tes TOEFL;
Dengan maksimal satu bidang bahasa Inggris
yang sesuai;
Tidak ada tes bahasa Saabsa lainnya (termasuk tes,
prediksi TOEFL) yang dilampaikan.

Mohammad Anshar
PhD in Computer Science, The University of Technology Sydney (UTS)
Dosen di Universitas Hasanuddin dan Associate Researcher di Dibang Solo dan Robotik di UTS

"Perbedaan suasan belajar dan persepsi
tentang kehidupan di Australia telah
memberikan perspektif baru dan
menambah wawasan dan perluasan
saya. Selain itu sebagai bagian dari
Australia Global Alumni, banyak
maaf yang saya dapatkan, termasuk kebiasaan
kewenangan untuk memperluas jaringan
dan kolaborasi penelitian."