#### **WMO OMM**



World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация

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Secrétariat

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13 December 2017

Our ref.: 41695/2017/DRA/ETR

Annexes: 5 (Annexes B to E available in English only)

Subject:

WMO Education and Training Opportunities (2018)

Action required:

For information and appropriate action, as required

Dear Sir/Madam,

I am pleased to advise you of a wide range of education and training opportunities which WMO plans to support during the year 2018. Members interested in nominating suitable candidate(s) are required to review the "Compendium of WMO fellowships and training opportunities", and follow the instructions carefully. The Compendium can be downloaded from the link below: http://www.wmo.int/pages/prog/dra/documents/Compendium-2018.pdf

Before submission of nominations, it is suggested that the "Guide on nominations for fellowships and training" in Annex A and the "Criteria on Award of Fellowships and Training Sponsorships" in Annex B should be carefully read. As a further guide on choice of institutions for your candidate(s), it is suggested that attention be paid to the partners listed in Annexes C, D and E, which respectively contain fellowships and training opportunities available from institutions, countries and WMO RTCs that have entered into special agreement with WMO.

Unless otherwise stated on the *Compendium*, any candidate applying for fellowship to undergo studies in any institution is required to secure an admission letter, or be in the process of obtaining one, prior to submission of a nomination to WMO.

As the demand for training support far outweighs what the existing funds allow, I would encourage you to be selective in the number of candidates you propose. You may therefore consider paying particular attention to how your request aligns with your national priority, taking into account issues relating to succession management, gender equity and a variety of future challenges facing National Meteorological and Hydrological Services (NMHSs) and the users of their products. Furthermore, in view of the outcome of the 2017 survey on status of human resources in NMHSs, it is desirable to dedicate the available fellowship and training opportunities to supporting nominations from developing and Least Developed Countries (LDCs) and Small Island Developing States (SIDS).

Please note that the deadline for general nomination to WMO is **28 February 2018** unless stated otherwise in the information table.

Yours faithfully,

(P. Taalas) Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

cc: Hydrological Advisers to Permanent Representatives

#### Annex A - Guide on nominations for fellowships and training

# 2018 Compendium of WMO Fellowships and Training Opportunities, Requirements and Guide for Application

(http://www.wmo.int/pages/prog/dra/documents/Compendium-2018.pdf)

- 1. Read through the WMO EC Criteria on Award of Fellowships and Training Sponsorships in Annex B.
- 2. Check for available fellowship and training opportunities in Annexes C, D and E.
- 3. For fellowship nomination, a completed Fellowship Nomination Form (FNF) is required (FNF can be downloaded from: https://public.wmo.int/en/resources/training/fellowships).
- 4. The FNF must be signed by the Permanent Representative or a formally delegated alternative signatory and sent to the Secretary-General of WMO by the closing dates stipulated for that opportunity.
- 5. For courses offered by WMO RTCs of less than one month, candidates must use the nomination forms provided by the RTC. A signed request by the PR of the WMO Member is required for WMO support. Participants who have been selected for WMO support will be asked to complete a Request for Financial Assistance (RFA) form.
- 6. Any nomination must provide an admission letter from the institution for the requested course. The admission letter or accompanying documentation should provide the start and end dates of the course of study and the costs involved. To obtain the admission letter, candidates must apply to the institution which checks the academic, language and other requirements.
- 7. The applicant must be proficient in the language of study and/or provide the required documentation regarding their language proficiency. Please note that some institutions require a English language test, such as IELTS and TOEFL.
- 8. If multiple candidates are nominated, the Permanent Representative must also provide a priority listing for the candidates.
- 9. New fellowship awards require all due and overdue post-fellowship reports from previous fellows (completion report, 3-month report or 18 to 24-month report, PR familiarization visit report) to be provided to WMO.
- 10. Deadlines for nominations must be followed. Late nominations beyond the deadlines are normally not considered. The issuance of the admission letter from institutions, and obtaining the result of a required language test takes time. If such conditions are foreseen, candidates are suggested to take action as early as possible.

\* \* \*

# Annex B – Criteria on Award of Fellowships and Training Sponsorships (Approved Annex to draft Decision 10.1/4, EC-69, May 2017)

#### 1. Criteria for the award of WMO fellowships

- 1.1. The aim of the WMO Fellowship Programme is to support the education and training of qualified and suitable candidates, particularly from Least Developed and Developing Countries and Small Island Developing States.
- 1.2. WMO may award both short-term (more than one month and less than six months) and long-term (6 months or longer) fellowships, based on recommendations of the Education and Training Committee (ETCOM) and in alignment with the priorities of the Education and Training Programme.
- 1.3. To be considered by the ETCOM for a fellowship, candidates must:
  - (a) Complete a Fellowship Nomination Form, which must be certified by the Permanent Representative of the recipient Member with WMO;
  - (b) Meet the entry requirements for the proposed course of study, and obtain a conditional offer/admission for the course;
  - (c) Be proficient in, or capable of learning in, the language of study;
  - (d) Be of sound health as confirmed by their completed medical clearance form;
  - (e) Only apply for courses of study directly applicable to WMO Programme areas.
- 1.4. In awarding a fellowship, preference will be given to candidates who:
  - Come from the NMHSs of least developed countries as well as developing countries, countries with economies in transition, and countries more vulnerable to natural disasters;
  - Are supported by cost-sharing;
  - Apply for courses at RTCs or other training institutions in their Region;
  - Are expected to work and make a long-term contribution in the NMHS of their country in a suitable post on completion of the fellowship;
  - Have not been awarded a long-term WMO fellowship within the previous four years;
  - Comes from a country that has not recently benefited from a WMO fellowship.
- 1.5. In awarding a fellowship, account will be taken of:
  - (a) The need for regional proportional balance;
  - (b) The need to practice equal opportunity policies (Resolution 33 (Cg-XVI Equal opportunities for the participation of women in meteorology and hydrology));
  - (c) The Permanent Representative from the candidates' country has provided WMO with the required report from any previous fellowship.

#### 2. Criteria for the award of WMO short-term training opportunities

- 2.1. Permanent Representative (PR): In making nominations for short-term training courses, the PR should:
  - (a) Annually set staff education and training requirements based on the Member's plans and requirements;
  - (b) Make nominations only for high priority training needs;
  - (c) Exercise discretion in requesting financial support, seeking internal funding first;
  - (d) Follow procedures for making nominations and requests for support;
  - (e) Meet the deadlines for course applications.
- 2.2. Nominees: In applying for short-term courses, the nominees should:
  - (a) Review the course qualification requirements;
  - (b) Be prepared with a serious intent to learn;
  - (c) Be timely in completing all steps in the process.
- 2.3. Supervisors: In having staff members apply for short-courses, the supervisor should:
  - (a) Be sure that only qualified staff make applications;
  - (b) Work to spread training opportunities among staff members.
- 3. Criteria for consideration of requests for a familiarization visit by recently appointed Permanent Representative (PR) of a country with WMO<sup>1</sup>
- 3.1. The aim of familiarization visits for recently appointed Permanent Representatives (PRs) is to support management capability of the suitable candidates particularly from least developed and developing countries.
- 3.2. To be considered for a familiarization visit the applicant must meet the following criteria:
  - (a) A formal notification of the appointment of the PR from the candidate's government must be provided to WMO before the request;
  - (b) Candidates applying for a familiarization visit must complete a Request Form for the visit;
  - (c) A minimum of six months and no more than four years has elapsed between the commencement of taking-up her/his duties and the proposed start of the familiarization visit;
  - (d) The applicant is expected to continue her/his role as PR for a minimum of two years following the familiarization visit;
  - (e) The applicant has not had previous exposure to WMO activities that are relevant to the familiarization visit:

<sup>&</sup>lt;sup>1</sup> The funds should be available, with the view to maintain annual expenditure on familiarization visits to less than 10% of the funds to fellowships from the Regular Budget.

- (f) The beneficiary country has not benefited from support for a familiarization visit in the past two years prior to the receipt of the visit request;
- (g) Be able to undertake the visit within six months of an official offer by the Secretary-General;
- (h) Opportunities should be sought to co-fund the proposed visit with other programmes, conferences, workshops, etc.
- 3.3. The visit is confined to a visit to WMO Headquarters in Geneva and a visit to a Member close to WMO Headquarters, or a visit to a Member within the Region, with a relatively more developed National Meteorological and Hydrological Service.
- 3.4. The visit is to be implemented in one working week.
- 3.5. During the visit the PR shall make a presentation to the WMO Secretariat and optional host Member on their NMHS services and requirements.

\* \* \*

### Annex C - Partners and summaries of agreements on fellowship collaboration

#### C1.1 - China Scholarship Council, Nanjing, P.R. China

1.	Host country	P.R. China
2.	Host intuition(s)	Nanjing University of Information Science
		and Technology (NUIST);
		2. Hohai University (Hohai)
3.	Website	http://www.campuschina.org
4.	Location of institution(s)	Nanjing, P.R. China
5.	Address of institution(s)	Refer to NUIST and Hohai
6.	Course type	BSc and MSc programme in meteorology and
		hydrology
7.	Faculty/Departments/Majors	Meteorology (NUIST), Hydrology and Water
		Resources Monitoring and Management
		(Hohai)
8.	Duration of study	BSc: 5 years (including one year of Chinese
		language study);
		MSc: 2 to 3 years
9.	Course start and end date (if	September to July every year
10	applicable)	Locat Developed and developing according
10.	Target region and countries	Least Developed and developing countries
11.	Fellowship summary	CSC and WMO full fellowship
12.	Basic requirements	BSc candidates must be younger than 25 years of age on 1 September of the commencement
		year of study (exclusive);
		MSc candidates must be younger than 35
		years of age on 1 September of the
		commencement year of study (exclusive) and
		must hold a BSc degree
13.	Language	BSc in Chinese;
		MSc can be in English or in Chinese, IELTS of
		6.0 is recommended if in English
14.	Number of awards per year (or	15
	per course)	
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to	1. WMO FNF;
	WMO	2. Copy of the completed CSC online
		application form;
		3. Pre-admission from NUIST or Hohai
18.	Applications close date	28 February 2018
19.	Contact info	ouzhou@csc.edu.cn

## C1.2 - Nanjing University of Information Science and Technology, P.R. China

1	Host sountry	D.D. Chino
1.	Host country	P.R. China
2.	Host intuition	Nanjing University of Information Science and Technology (NUIST)
3.	Website	http://www.globenuist.cn
4.	Location of institution(s)	Nanjing, P.R. China
5.	Address of institution(s)	219 Ningliu Road, Nanjing, Jiangsu Province
6.	Course type	MSc or PhD programmes
7.	Faculty/Departments/Majors	MSc in Applied Meteorology; PhD programmes varies of meteorological and environment related subjects, please refer to the website
8.	Duration of study	MSc: 2 years; PhD: 3 years
9.	Course start and end date (if applicable)	September to July every year
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	NUIST and WMO full fellowship
12.	Basic requirements	Applicants shall have a BSc or MSc in meteorology or related fields with good academic quality and research ability, have a good mastery of English; MSc candidates must be less than 36 years old on 1 September of the year they commence studies; PhD candidates must be less than 41 years old on 1 September of the year they commence studies.
13.	Language	English, IELTS of 6.0
14.	Number of awards per year (or per course)	10
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to WMO	<ol> <li>WMO FNF;</li> <li>Pre-admission letter</li> </ol>
18.	Applications close date	28 February 2018
19.	Contact info	Ms Candy Tel: +86 25 586 99 848 Email: caiyi@nuist.edu.cn

### C1.3 - Hohai University, Nanjing, P.R. China

1.	Host country	P. R. China
2.	Host intuition	Hohai University
3.	Website	http://ie.hhu.edu.cn/
4.	Location of institution(s)	Nanjing, P.R.China
5.	Address of institution(s)	No.1, Xikang Road, Gulou District, Nanjing
6.	Course type	MSc or PhD programmes
7.	Faculty/Departments/Majors	<ol> <li>Hydrology and Water Resources</li> <li>Agriculture Engineering</li> <li>Water Conservancy and Hydropower Engineering;</li> <li>Harbor, Coastal and Offshore Engineering</li> </ol>
8.	Duration of study	3 years
9.	Course start and end date (if applicable)	September to July every year
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	Hohai and WMO full fellowship
12.	Basic requirements	Applicants shall have a BSc or MSc in meteorology or related fields with good academic quality and research ability, have a good mastery of English; MSc candidates must be less than 36 years old on 1 September of the year they commence studies; PhD candidates must be less than 41 years old on 1 September of the year they commence studies
13.	Language	English, IELTS of 6.0
14.	Number of awards per year (or per course)	20
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to WMO	<ol> <li>WMO FNF;</li> <li>Pre-admission letter</li> </ol>
18.	Applications close date	28 February 2018
19.	Contact info	Ms Rochelle Email: <u>183984639@qq.com</u>

## C2. - WMO-École Nationale de la Météorologie, Toulouse, France

1.	Host country	France
2.	Host intuition	ENM/Météo-France
3.	Website	http://www.enm.meteo.fr
4.	Location of institution(s)	Toulouse, France
5.	Address of institution(s)	42, avenue Gaspard Coriolis, BP 45712
		31057 Toulouse, Cedex 1, France
6.	Course type	Engineer and Technician courses (BIP-M and BIP-MT)      MSs in Manager and Climate Sciences
		<ol> <li>MSc in Meteorology and Climate Sciences</li> <li>Specialized training</li> </ol>
		4. Vocational training
7	Faculty/Departments/Maiere	5. Meteorology and Management
7. 8.	Faculty/Departments/Majors	Meteorology and Climate
9.	Duration of study	1 week to 3 years
	Course start and end date (if applicable)	Variable (please check website)
10.	Target region and countries	Least Developed and Developing countries (please check website)
11.	Fellowship summary	ENM and WMO full/partial fellowship
12.	Basic requirements	Proficiency in course language;
	·	Variable depending on programmes;
		For continuing education, there is a candidacy
		period (please check website).
13.	Language	French, except in English (Weather forecasting course)
14.	Number of awards per year (or per course)	Variable
15.	Institution online application	n/a
16.	Admission from institution	For continuous training and <i>Météorologie et management</i> course: Mandatory:
		Motivation letter signed by PR, to be sent to ENM (enm.fr@meteo.fr);      Decistration form to be found on the
		Registration form to be found on the website above at the end of the
		"Catalogue des Formations";
		3. Complete resume;
		4. Copy of passport.
		For initial training, application through Campus
		France site:
		http://www.campusfrance.org/fr/user/register
17.	Application forms to be sent to	1. WMO FNF;
	WMO	2. Admission letter of ENM
18.	Applications close date	Variable (check <u>www.enm.meteo.fr</u> )
19.	Contact info	enm.fr@meteo.fr

## C3. - Leibniz Universität Hannover, Hannover, Germany

		T _
1.	Host country	Germany
2.	Host intuition	Institute for Water Resources Management,
		Leibniz Universität Hannover
3.	Website	http://www.watenv.de
4.	Location of institution(s)	Hannover, Germany
5.	Address of institution(s)	Appelstrasse 9A, 30167 Hannover
6.	Course type	MSc programme
7.	Faculty/Departments/Majors	Water Resources Management
8.	Duration of study	2 years
9.	Course start and end date (if	1 October to 30 September
	applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	LUH and WMO full fellowship
12.	Basic requirements	BSc in Water Engineering
13.	Language	English, IELTS of 6.0 or TOEFL 80
14.	Number of awards per year (or	Variable
	per course)	
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to	1. WMO FNF;
	WMO	2. Admission letter of LUH
18.	Applications close date	University: 15 January 2018
		WMO: 20 February 2018
19.	Contact info	buber@iww.uni-hannover.de

# C4. - Kyoto University, Kyoto, Japan

1.	Host country	lanan
	Host country	Japan
2.	Host intuition	Disaster Prevention Research Institute (DPRI),
		Kyoto University
3.	Website	http://www.dpri.kyoto-u.ac.jp/en
4.	Location of institution(s)	Uji, Kyoto
5.	Address of institution(s)	Gokasho, Uji, Kyoto 611-0011
6.	Course type	Certificate
7.	Faculty/Departments/Majors	Resilient societies to cope with extreme
		weather and water related disaster
8.	Duration of study	3-6 months
9.	Course start and end date (if	around October and January
	applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	DPRI full scholarship
12.	Basic requirements	Learning and job experiences in meteorology
	•	and/or hydrology
13.	Language	English, IELTS of 6.0
14.	Number of awards per year (or	Up to 3
	per course)	· ·
15.	Institution online application	Optional
16.	Admission from institution	Mandatory
17.	Application forms to be sent to	1. WMO FNF;
	WMO	2. Admission letter of DPRI
18.	Applications close date	28 February 2018
19.	Contact info	takara.kaoru7v@kyoto-u.ac.jp

## C5. - Ewha Woman's University, Seoul, Republic of Korea

1.	Host country	Republic of Korea
2.	Host intuition	Department of Climate and Energy Systems
		Engineering, Ewha Woman's University
3.	Website	http://www.ewha.ac.kr/mbs/ewhaen/
4.	Location of institution(s)	Seoul, Republic of Korea
5.	Address of institution(s)	52, Ewhayeodae-gil, Seodaemun-gu, Seoul
		03760, Republic of Korea
6.	Course type	MSc or PhD programmes
7.	Faculty/Departments/Majors	1. Numerical Weather Prediction
		2. Dynamic Meteorology
		3. Climate Physics
		4. Synoptic Meteorology
		5. Satellite Meteorology
		6. Remote Sensing
8.	Duration of study	2 years (4 semesters/per course)
9.	Course start and end date (if	March - February
	applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	EWU – EGPP/F2 and WMO full fellowship
12.	Basic requirements	Female candidate only;
		MSc, combined MSc and PhD;
		Applicant must have completed a 4-year
		course university or university equivalent
		courses and acquired BSc.
13.	Language	English/Korean: Applicant must meet
		requirements stated on the website:
		TOEFL(PBT550, iBT80),IELTS5.5, TEPS 550
14.	Number of awards per year (or	3
45	per course)	Manufatana
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to	1. WMO FNF;
10	WMO	2. Admission letter of EWU
18.	Applications close date	EWU: 30 October 2018, online applications
		opens around September 2018;
10	Ossila al la Ca	WMO: 30 November 2018
19.	Contact info	terryahn65@gmail.com

### C6. - IHE-Delft, Institute for Water Education, Delft, Netherlands

1.	Host country	Netherlands
2.	Host intuition	IHE-Delft, Institute for Water Education
3.	Website	http://www.un-ihe.org
4.	Location of institution(s)	Delft, Netherlands
5.	Address of institution(s)	PO Box 3015, 2601 DA, Delft, Netherlands
6.	Course type	MSc programmes
7.	Faculty/Departments/Majors	<ol> <li>Hydrology and Water Resources</li> <li>Hydraulic Engineering and River Basin Development</li> <li>Hydraulic Engineering – Land and Water Development</li> <li>Water Resources Management</li> <li>Hydroinformatics – Modelling and Information Systems for Water Management</li> <li>Water Quality Management</li> </ol>
8.	Duration of study	18.5 months
9.	Course start and end date (if applicable)	2 <sup>nd</sup> week October to last week April
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	IHE and WMO full fellowship
12.	Basic requirements	BSc degree
13.	Language	English: https://www.un-ihe.org/english-
		language-requirements
14.	Number of awards per year (or per course)	up to 3
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory
17.	Application forms to be sent to WMO	<ol> <li>WMO FNF;</li> <li>Admission letter of IHE</li> </ol>
18.	Applications close date	31 March 2018
19.	Contact info	i.melis@un-ihe.org m.baburek@un-ihe.org

# C7. - Russian State Hydrometeorological University, St. Petersburg, Russian Federation

1.	Host country	Russian Federation
2.	Host intuition	Russian State Hydrometeorological University
۷.	HOST IIITUITION	(RSHU)
3.	Website	www.rshu.ru
٥.	Website	www.rshu.ru/eng
		http://ums.rshu.ru
		apply.rshu.ru/content/eng/howtoapply/fellowship
4.	Location of institution(s)	St. Petersburg, Russian Federation
5.	Address of institution(s)	Malookhtinsky pr. 98, St. Petersburg, 195196
		Russian Federation
6.	Course type	BSc, MSc and PhD programmes
7.	Faculty/Departments/Majors	Meteorology, Hydrology, Ecology and
		Environmental Physics, Oceanography
8.	Duration of study	BSc: 4+1 years;
		MSc: 2+1 years;
		PhD: 3+1 years
		(1 year in Russian language if needed)
9.	Target region and countries	Least Developed and Developing countries
10.	Fellowship summary	RSHU and WMO full fellowship
11.	Basic requirements	BSc candidates must be younger than 27 years
		of age on 1 September of the commencement
		year of study (exclusive);
		MSc candidates must be younger than 35 years
		of age on 1 September of the commencement
		year of study (exclusive) and must hold a BSc
		degree;
		PhD candidates must by younger than 40 years
		of age on 1 September of the commencement
		year of study (exclusive) and must hold a MSc
		degree.
12.	Language	Russian
13.	Number of awards per year (or	20
	per course)	
14.	Institution online application	Mandatory: <a href="http://russia.study/">http://russia.study/</a>
	application	All RSHU candidates should obtain the Quota
		Scholarship of the Russian Government which
		covers tuition fee.
15.	Admission from institution	Mandatory (please refer to the foot notes)
16.	Application forms to be sent to	1. WMO FNF;
10.	WMO	2. Confirmation from RSHU that candidate
	******	participates at the procedure of Quota
		Scholarship of the Russian Federation
		Government
		3. Copies of all supporting documents
17.	Applications close date	
18.	Contact info	28 February 2018
ΙŎ.	COITEACE ITIIO	<u>ums@rshu.ru</u>

#### C7. - RSHU application step by step guide for WMO fellowships (2018 enrolment)

- 1. All RSHU candidates should obtain the Quota Scholarship of the Russian Government. Candidate should provide to WMO the confirmation letter from RSHU that he/she participates at the Quota Scholarship selection procedure.-
- To obtain the Quota Scholarship candidate have to apply to the Russian Consulate/Embassy or to the Russian Centre for Science and Culture (<a href="http://rs.gov.ru/en/contacts">http://rs.gov.ru/en/contacts</a>) in their respective country. Please remember that admission deadline for the Quota Scholarship is different in each country, do not forget to check the website.
- 3. Please contact RSHU for further information in advance.

#### Процедура подачи заявки на стипендию ВМО для обучения в РГГМУ

- 1. Все кандидаты РГГМУ должны получить квоту Правительства Российской Федерации. Кандидат должен предоставить в ВМО письмо-подтверждение от РГГМУ об участии в конкурсе на квоту Правительства РФ.
- 2. Чтобы получить квоту Правительства РФ, кандидат должен обратиться в Посольство России или Российский центр науки и культуры (<a href="http://rs.gov.ru/ru/contacts">http://rs.gov.ru/ru/contacts</a>) в своей стране. Важно: сроки подачи заявки на квоту Правительства РФ в каждой стране различны, не забывайте проверять сайт! Обычно прием заявок начинается в декабре.
- 3. Свяжитесь с РГГМУ для получения более подробной информации.

Contact:

Ms Julia Shushkova Head of WMO relations department, Russian State Hydrometeorological University, Saint-Petersburg, Russia ums@rshu.ru

Tel: +7 812 633 01 96

#### C8.1 - University of Reading, Reading, UK

1.	Host country	The United Kingdom of Great Britain and
١.	Tiost country	Northern Ireland (UK)
2.	Host intuition	University of Reading
3.	Website	http://www.met.reading.ac.uk/pg-taught
4.	Location of institution(s)	Reading, UK
5.	Address of institution(s)	Whiteknights, Reading, RG6 6BB
6.	Course type	MSc in Applied Meteorology and Climate with
0.	course type	Management
7.	Faculty/Departments/Majors	Department of Meteorology
8.	Duration of study	12 months
9.	Course start and end date (if	September to September
	applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	University of Reading and WMO full fellowship
12.	Basic requirements	Second-class honour degree in a physical,
	•	environmental or engineering science, and A-
		level (or equivalent) mathematics and/or
		physics.
		Candidates with different or slightly lower
		qualifications who have significant professional
		experience may be considered.
13.	Language	English <sup>1</sup>
14.	Number of awards per year (or	5
	per course)	
15.	Institution online application	Mandatory
16.	Admission from institution	Mandatory <sup>2</sup>
17.	Application forms to be sent to	1. WMO FNF;
	WMO	2. Letter of Unconditional Offer from
		University of Reading
18.	Applications close date	28 February 2018
19.	Contact info	met-mscinfo@lists.rdg.ac.uk

<sup>&</sup>lt;sup>1</sup> Applicants from countries that are not recognized by the UK government as predominantly English speaking must provide evidence of proficiency in English before they can be issued with a UK study visa (see <a href="https://www.gov.uk/tier-4-general-visa/knowledge-of-english">https://www.gov.uk/tier-4-general-visa/knowledge-of-english</a> for details and a list of exemptions. University of Reading will accept applications from candidates who have not yet met these language requirements, but are unable to issue a Letter of Unconditional Offer until language conditions are met. If you have any queries. About this please contact <a href="met-mscinfo@lists.rdg.ac.uk">met-mscinfo@lists.rdg.ac.uk</a>.

<sup>&</sup>lt;sup>2</sup> Application to University of Reading should be made as early as possible, to ensure that a Letter of Unconditional Offer can be issued by the application s close date.

### C8.2 - European Centre for Medium Range Weather Forecast, Reading, UK

		T
1.	Host country	The United Kingdom of Great Britain and
		Northern Ireland (UK)
2.	Host intuition	European Centre for Medium Range Weather
		Forecast (ECMWF)
3.	Website	http://www.ecmwf.int
4.	Location of institution(s)	Reading, UK
5.	Address of institution(s)	Shinfield Park
6.	Course type	n/a
7.	Faculty/Departments/Majors	n/a
8.	Duration of temporary secondment	up to 12 months
9.	Secondment start and end date	Variable
	(if applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	The temporary attachment of the expert will
	, ,	work with designated experts at ECMWF to
		enhance skills as appropriate in areas such as
		global weather prediction in the medium
		range, extended-range forecast for up to a
		year ahead, use of advanced computer
		modelling techniques to analyse observations
		and predict future weather. WMO will be
		advised of available opportunities for
		placement at ECMWF.
12.	Basic requirements	Qualifications will depend on the focus of the
	•	available opportunities for placement at
		ECMWF.
13.	Language	English
14.	Number of awards per year (or	1
	per course)	
15.	Institution online application	n/a
16.	Admission from institution	n/a
17.	Application forms to be sent to WMO	WMO FNF
18.	Applications close date	31 March 2018
19.	Contact info	anna.ghelli@ecmwf.int

### C9. - National Oceanic and Atmospheric Administration, Washington DC, USA

1.	Host country	United States of America (USA)
2.	Host intuition	National Oceanic and Atmospheric Administration
		(NOAA)/National Weather Service
3.	Website	www.wpc.ncep.noaa.gov/international/intl2.shtml
4.	Location of institution(s)	Washington DC
5.	Address of institution(s)	College Park, Maryland
6.	Course type	Training Certificate and/or Competencies Certificates
7.	Faculty/Departments/Majors	NCEP International Desks
8.	Duration of study	4 months
9.	Course start and end date (if applicable)	Variable
10.	Target region and countries	WMO Region I (Africa), Region III and IV (Northern and Southern America)
11.	Fellowship summary	Training emphasizes the understanding of atmospheric dynamics and the application of numerical model guidance for the generation of quantitative precipitation forecast products, subseasonal and climate forecasts. It applies WMO competencies standards for general forecaster.
12.	Basic requirements	Open to all meteorologists and technicians (forecasters), with priority given to meteorologists.
13.	Language	English, Spanish for RA-III
14.	Number of awards per year (or per course)	24
15.	Institution online application	n/a
16.	Admission from institution	Mandatory
17.	Application forms to be sent to WMO	WMO FNF
18.	Applications close date	Trainings slots will be assigned a year in advance, with nomination package on file no later than 4 months prior to the beginning of the fellowship.
19.	Contact info	ethan.jessup@noaa.gov wassila.thiaw@noaa.gov michel.davison@noaa.gov

# C10. - The World Academy of Sciences (TWAS), Trieste, Italy

1	Heat acceptains	O amorging countries. Provid China Livelia
1.	Host countries	8 emerging countries: Brazil, China, India,
		Kenya, Malaysia, Mexico, Pakistan and South
2.	Lloct intuition(c)	Africa
2.	Host intuition(s)	TWAS has about 1000 eligible host
		institutions in 8 developing countries with 12
_	Mahaita	programme partners
3.	Website	http://twas.org/opportunities/fellowships/phd
4.	Location of institution(s)	Developing countries
5.	Address of institution(s)	Refer to website
6.	Course type	PhD in Natural Sciences
7.	Faculty/Departments/Majors	Meteorology, hydrology and environmental science related
8.	Duration of study	3 to 5 years
9.	Course start and end date (if	Various among partners
	applicable)	
10.	Target region and countries	Least Developed and Developing countries
11.	Fellowship summary	Full coverage of full PhD costs
12.	Basic requirements	MSc degree, preliminary admission letter from
		eligible host institution according to chosen
		host country and programme partner.
13.	Languages	English, Portuguese
14.	Number of awards per year (or	10 PhD fellowships for WMO
	per course)	
15.	Institution online application	n/a
16.	Admission from institution	Mandatory:
		Must have preliminary admission letter from
		eligible host institution <b>before</b> applying,
		must comply with all eligibility criteria of the
		selected programme e.g. age limit, etc.
17.	Application forms to be sent to	1. WMO FNF
	WMO	2. TWAS partner preliminary admission
		letter
18.	Application forms to be sent to	Application form and all required enclosures
	TWAS	(see checklist in application form)
19.	Applications close date	TWAS: ranges between 31 August to 15
		September each year, but some deadlines
		change yearly.
		WMO: 30 September 2018
		fellowships@twas.org

# C11. - Department of Hydrology, Indian Institute of Technology, Roorkee, India

1.	Host country	India
2.	Host intuition	Indian Institute of Technology Roorkee
3.	Website	www.iitr.ac.in/departments/HY/pages/index.html
		www.doh.org.in
4.	Location of institution(s)	Roorkee, India
5.	Address of institution(s)	Department of Hydrology, IIT Roorkee, Roorkee,
		2476667, India
6.	Course type	Postgraduate diploma, MSc in Technology and
		PhD in Hydrology
7.	Faculty/Departments/Majors	Department of Hydrology
8.	Duration of study	P.G. Diploma: 1 year
		MSc: 2 years
9.	Course start and end date (if	Mid-July to end of June
	applicable)	
10.	Target region and countries	All WMO Regions / Least Developed and
		Developing countries
	Fellowship summary	Government of India and WMO full fellowship
12.	Basic requirements	Candidates must:
		possess the required qualification(s) as marked
		below <sup>3</sup> with at least 60% aggregate marks or
		6.00 CGPA on a 10 point scale at qualifying
		degree level;
		have 2 years' experience
10		be at least 25 years of age (GoI fellowship)
	Language	English
14.	, ,	WMO: Variable
4.5	per course)	Gvt of India: 20 (PG Diploma: 5; MSc Tech: 15)
	Institution online application	Mandatory
	Admission from institution	Mandatory 1. WMO FNF:
17.	Application forms to be sent to WMO	,
	VVIVIO	2. Online submission for Govt of India fellowship:
		https://www.itecgoi.in/index.php
		3. Admission offer: IIT Roorkee
18	Applications close date	30 June 2018
19.	Contact info	hydrology@iitr.ac.in, hydrology.iitr@gmail.com,
' '	33401 11110	dsarya@iitr.ac.in, dsarya@gmail.com
		Tel: +91 13 32 28 52 36

<sup>31.</sup> Bachelor's degree in Civil/Mechanical/Agricultural Engineering/Hydrology or its equivalent

<sup>2.</sup> M.Sc./M.Tech. (Master's) degree in Chemistry/Geology/Geophysics/Applied Geology/Applied Geophysics/Physics/Meteorology/Geography/Atmospheric Physics/Environmental Science, with Mathematics in B.Sc. (Bachelor's) course as one of the subjects

<sup>3.</sup> M.Sc. Degree in Statistics with Physics or Mathematics at B.Sc. (Bachelor's) level

<sup>4.</sup> M.Sc. Degree in Mathematics with Physics in B.Sc. (Bachelor's) level, or its equivalent

<sup>5.</sup> A.M.I.E. (Civil or Mechanical) with B.Sc. or Engineering Diploma qualifications with at least 3 years research/teaching /other professional experience in responsible capacities

# C12. - Universidad Nacional del Litoral, Santa Fe City, Argentina

1.	País anfitrión	Argentina
2.	Institución anfitriona	Facultad de Ingeniería y Ciencias Hídricas.
		Universidad Nacional del Litoral
3.	Sitio Web	http://fich.unl.edu.ar
4.	Ubicación de la institución	Santa Fe, Argentina
5.	Dirección de la institución	Ciudad Universitaria. Ruta Nacional N° 168, Km 472,4. (3000) Santa Fe
6.	Tipo de curso	Maestría en Ingeniería de los Recursos Hídricos
7.	Facultad/Departamentos/Opciones	Facultad de Ingeniería y Ciencias Hídricas Departamento Hidrología Departamento Hidráulica
8.	Duración de los estudios	2 años
9.	Inicio y final del curso, si pertinente	Marzo de 2018 a diciembre de 2019
10.	Región y países destinatarios	América Latina
11.	Resumen de la beca	Beca completa incluido el viaje
12.	Requisitos básicos	Los postulantes deben poseer título de grado universitario (Ingeniero, Licenciado o similar respecto a las incumbencias profesionales y a la duración de los estudios) en disciplinas afines otorgado por Universidades argentinas o extranjeras reconocidas por las autoridades competentes.
13.	Idioma	Español
14.	Número de becas por año (o por curso)	2
15.	Solicitud de admisión en línea de la institución	n/a
16.	Admisión de la institución	Secretaría de Posgrado Facultad de Ingeniería y Ciencias Hídricas Universidad Nacional del Litoral Ciudad Universitaria 3000 Santa Fe Argentina Teléfono/Fax: +54 342 457 5233 – Int. 103 E-mail: posgrado@fich.unl.edu.ar E-mail: maperez@fich.unl.edu.ar
17.	Formularios de solicitud a ser enviados a la OMM	<ol> <li>Formulario de Solicitud de Beca de la OMM</li> <li>Carta de admisión de la institución</li> </ol>
18.	Fecha final de solicitud de beca	9 de Febrero 2018
19.	Contacto	Dra. Marcela Perez Directora del Departamento Hidrología Punto Focal Relaciones Internacionales Teléfono: +54 342 457 5233/39 – Int. 164 E-mail: maperez@fich.unl.edu.ar

### Annex D – Other fellowship opportunities supported by RTCs or partners

# D1. - Institut Hydrométéorologique de Formation et de Recherches, Oran, Algeria

1.	Pays hôte	Algérie
2.	Établissement d'accueil	Institut Hydrométéorologique de Formation et
		de Recherches (IHFR)
3.	Site Web	http://www.ihfr.edu.dz
4.	Lieu de l'établissement	Oran, Algérie
5.	Adresse de l'établissement	BP 7019 Essedikia, Oran, Algeria
6.	Formations proposées	Formation diplômante:
		1. Ingénieur de la météorologie
		2. Technicien Supérieur de la météorologie
		Formation continue:
		1. Prévision météorologique
		2. Instruments météorologiques
		3. Hydrométéorologie
		4. Assistance aéronautique
		5. Climatologie
		6. Agrométéorologie
7.	Durée des études	Ingénieur de la météorologie: 5 ans
		Technicien Supérieur de la météorologie: 2 ans
		et demi (30 mois)
		Formation continue 1 à 3 semaines
8.	Dates de début et fin des	Pour la formation diplômante d'octobre à juillet
	formations	chaque année.
		La date du cours de la formation continue
		restera tributaire de la demande des
		utilisateurs.
9.	Région et pays cibles	Région I et en particulier les pays
10		francophones
10.	Aperçu de la bourse	Frais de scolarité, indemnité de subsistance et
44	One different designation	assurance-maladie.
11.	Conditions d'admission	Pour la formation diplômante, les titulaires du
		baccalauréat série : mathématiques,
		scientifiques ou équivalent.
		Pour la formation continue, les météorologues
		des services météorologiques nationaux ou régionaux.
12.	Langue	Tous les cours sont en français
13.	Nombre de bourses accordées par	Variable
13.	an (ou par cours)	Variable
14.	Candidature en ligne auprès de	n/a
' '	l'établissement	· · · ~
15.	Lettre d'admission délivrée par	Lettre de motivation signée par le
	l'établissement concerné	Représentant permanent auprès de
		I'OMM ;
		2. Formulaire d'inscription ;
		3. Copie du certificat du baccalauréat et
		relevé des notes ;
		4. Copie du passeport.
16.	Documents à fournir à l'OMM	
16.	Documents à fournir à l'OMM	4. Copie du passeport.
16. 17.	Documents à fournir à l'OMM  Date limite de candidatures	<ul><li>4. Copie du passeport.</li><li>1. Lettre d'admission de l'IHFR;</li></ul>

#### Annex E – WMO Regional Training Centers (RTCs) and Their Course Offering for 2018

For courses offered by WMO RTCs of less than one month, candidates must use the Nomination forms provided by the RTC. A signed request by the PR of the WMO Member is required for WMO support. Participants who have been selected for WMO support will be asked to complete a Request for Financial Assistance (RFA) form.

ALGERIA	Institut Hydrométéorologique de Formation et de Recherches (IHFR)
ANGOLA	Instituto Nacional de Meteorologia e Geofísica (INAMET)
ARGENTINA	Universidad de Buenos Aires (UBA)
ARGENTINA	Servicio Meteorológico Nacional (SMN)
BARBADOS	Caribbean Institute for Meteorology and Hydrology (CIMH)
BRAZIL	Centro Virtual de Ensino e Treinamento em Meteorologia (CVEM)
CHINA	Nanjing University of Information, Science and Technology (NUIST)
CHINA	China Meteorological Administration Training Centre (CMATC)
COSTA RICA	Universidad de Costa Rica (UCR)
EGYPT	The Egyptian Meteorological Authority (EMA)
INDIA	India Meteorological Department Training Centre (IMD-New Delhi)
INDIA	Central Training Institute (IMD-Pune)
INDIA	National Water Academy (NWA-Pune)
INDIA	Indian Institute of Technology Roorkee (IIRT-Roorkee)
INDONESIA	Agency for Meteorology, Climatology and Geophysics (BMKG)
INDONESIA	Research Centre for Water Resources (RCWR)
IRAN	Islamic Republic of Iran Meteorological Organization (IRIMO)
IRAQ	Iraqi Meteorological Organization (IMO)
ISRAEL	Postgraduate Training Centre for Applied Meteorology (PTCAM)
ITALY	National Research Council Institute of Biometeorology (CNR-IBIMET)
KENYA	University of Nairobi (UON)
KENYA	Institute for Meteorological Training and Research (IMTR)
MADAGASCAR	Ecole Supérieure Polytechnique à Antananarivo (ESPA)
MADAGASCAR	Ecole Nationale d'Enseignement de l'Aéronautique et de la Météorologie (ENEAM)
NIGER	Centre Régional Agrhymet (AGRHYMET)
NIGER	Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC)

NIGERIA	Federal University of Technology, Akure (FUTA)
NIGERIA	Meteorological Research and Training Institute (MRTI)
PERU	Universidad Nacional Agraria La Molina (UNALM)
PHILIPPINES	Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)
PHILIPPINES	University of the Philippines (UP)
REPUBLIC OF KOREA	Korea Meteorological Administration (KMA)
QATAR	Qatar Aeronautical College (QAC)
RUSSIAN FEDERATION	Advanced Training Institute of Roshydromet (ATI)
RUSSIAN FEDERATION	Russian State Hydrometeorological University (RSHU)
RUSSIAN FEDERATION	Moscow Hydrometeorological Technical School (MGMTEH)
TURKEY	Turkish State Meteorological Service (TSMS)
SOUTH AFRICA	South Africa Weather Service (SAWS)
UZBEKISTAN	Tashkent Hydrometeorological Profecional College (THMPC)
VENEZUELA	Universidad Central de Venezuela (UCV)

Note: The RTCs are in the stage of finalizing their course offerings for 2018. For the most up-to-date information, please visit: <a href="http://wmo.int/pages/prog/dra/etrp/RTCOfferingsfor2018.html">http://wmo.int/pages/prog/dra/etrp/RTCOfferingsfor2018.html</a>