



# BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA

## PUSAT PENDIDIKAN DAN PELATIHAN

Jl. Angkasa I No. 2, Kemayoran, Jakarta Pusat 10720

Telp. (021) 6586 7058, Fax. (021) 6586 7058, Website : <http://www.bmkg.go.id>

Nomor : KP.02.00/089/KDL/VIII/2022

Jakarta, 10 Agustus 2022

Sifat : **Segera**

Lampiran : 1 (satu) berkas

Hal : Tawaran *Postdoc Positions in Tropical Meteorology at Florida Tech*

Yth. Bapak/Ibu (Mohon Periksa Lampiran I)

di

Tempat

Bersama ini kami sampaikan bahwa *The Department of Ocean Engineering and Marine Sciences at Florida Tech* menawarkan program pendidikan *postdoc* terkait bidang Meteorologi yang akan disupervisi oleh Dr. Pallav Ray kepada calon yang memenuhi ketentuan (lihat Lampiran II).

Pegawai yang berminat dapat langsung berkoresponden dengan pihak terkait dengan menyertakan syarat yang telah ditentukan. Batas waktu pengajuan lamaran paling lambat tanggal 20 Agustus 2022 melalui email [pray@fit.edu](mailto:pray@fit.edu). Informasi lebih lengkap dapat dilihat pada **Lampiran II**.

Sehubungan dengan hal tersebut, dengan hormat kami mohon bantuan Bapak/Ibu untuk dapat menginformasikan kesempatan ini kepada seluruh pegawai yang berada di unit kerja masing-masing, dengan mempertimbangkan tugas pokok dan fungsinya. Bagi kandidat yang memenuhi syarat atau mendapatkan tawaran posisi pada program ini agar dapat segera menginfokan kepada Pusdiklat BMKG melalui email [apply rtc bmkg@bmkg.go.id](mailto:apply rtc bmkg@bmkg.go.id) dengan subject "Program Pendidikan Postdoc di Florida," dan mencantumkan bukti penerimaan guna mendapatkan persetujuan agar bisa mengikuti program tersebut.

Untuk informasi dan koordinasi lebih lanjut terkait program ini silahkan menghubungi **Sdri. Nina Amelia Sasmita, M.Si., M.PSiT (HP/WA: 0811-944-4115, email: [apply rtc bmkg@bmkg.go.id](mailto:apply rtc bmkg@bmkg.go.id))** selaku narahubung kegiatan ini.



Demikian disampaikan. Atas perhatian dan kerjasamanya, kami ucapkan terima kasih.

Kepala Pusat Pendidikan dan Pelatihan



Nelly Florida Riama

Tembusan:

1. Kepala BMKG;
2. Sestama BMKG;
3. Kepala Biro Umum dan Sumber Daya Manusia;
4. Kepala Biro Hukum dan Organisasi.

Lampiran Surat

Nomor : KP.02.00/089/KDL/VIII/2022

Tanggal : 10 Agustus 2022

## DAFTAR TUJUAN SURAT

1. Kepala Pusat Meteorologi Publik;
2. Kepala Pusat Meteorologi Maritim;
3. Kepala Pusat Meteorologi Penerbangan;
4. Kepala Pusat Layanan Informasi Iklim Terapan;
5. Kepala Pusat Informasi Perubahan Iklim;
6. Plt. Kepala Pusat Penelitian dan Pengembangan;
7. Ketua STMKG;
8. Para Kepala Balai Besar MKG Wilayah I – V.



Lampiran Surat

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### **Ph.D. and Postdoc positions in tropical meteorology at Florida Tech**

The Department of Ocean Engineering and Marine Sciences at Florida Tech seeks a Ph.D. student and a postdoc in Meteorology under the supervision of Dr. Pallav Ray to investigate the physical processes through which soil moisture, topography, and diurnal cycle of insolation influence the subseasonal-to-seasonal (S2S) predictability of precipitation in the Maritime Continent. The work involves a combination of theory, observations, and high-resolution modeling. This NOAA- funded study is in collaboration with Drs. Efthymios Nikopoulos (Rutgers) and Nathaniel Johnson (GFDL). Both positions will be located at Florida Tech, but there will be opportunities to visit GFDL and/or NCAR. The Department of Ocean Engineering and Marine Sciences (OEMS) has 26 faculty members. Undergraduate and graduate degree programs include atmospheric, ocean, and life sciences, as well as ocean engineering. OEMS has approximately 300 undergraduate students, and 100 M.S. and Ph.D. students.

#### **Qualification/Responsibilities for the Ph.D. position:**

The candidate should preferably have an M.S. in Atmospheric Science, Physical Oceanography, Engineering, or related areas. An interest in theoretical understanding of tropical dynamics and modeling is needed. Proficiency with one or more programming languages (e.g., Fortran, Matlab, Python, R, NCL, etc.) is required.

Please send your resume with your academic qualification/education, a list of publications (with a link to your google scholar), and the contact details of three references in a single pdf to pray@fit.edu.

Please have “NOAA PhD” in the subject of the email. Applications received before August 20 will receive full consideration. The position is expected to start in January or earlier.

#### **Qualification/Responsibilities for the Postdoc position:**

The candidate should have a Ph.D. in Atmospheric Science, Physical Oceanography, or a related field with experience in tropical meteorology, high-performance computing, and analyzing large datasets. The primary qualifications include: (i) Ability to conduct and analyze high-resolution cloud-permitting simulations using the WRF/coupled WRF model. Therefore, experience with the WRF and/or coupled WRF will be preferred, though it is not required. (ii) Proficiency with one or more programming languages (e.g., Fortran, Matlab, Python, R, NCL, etc.). (iii) Ability to work independently and to collaborate with team members from diverse backgrounds. Salary will be commensurate with experience. The position is initially for one year with an extension of up to three years based on satisfactory performance. Please send your resume with your academic qualification/education, 1-page research statement, a list of



publications (with a link to your google scholar), and the contact details of three references in a single pdf to pray@fit.edu.

Please have “NOAA Postdoc” in the subject of the email. Applications received before August 20 will receive full consideration, but will remain open until filled. The position is expected to start as soon as possible.

If you have further questions regarding these positions, please email Dr. Pallav Ray (pray@fit.edu).

The candidates selected for these positions may be required to provide documentation of the highest degree completed. Florida Tech actively supports an educational environment that fosters diversity and inclusion for all and is an affirmative action/equal opportunity employer.

