

## 國立中央大學地球科學學院教師升等審查辦法附錄 1

105.3.29 院教評會議討論通過

105.4.12 院務會議討論通過

109.4.21 院教評會議通過

109.6.2 院教評會議通過

113.4.2 院教評會議通過

### 各系所教師升等代表著作重要期刊列表

- 一、 依據國立中央大學專任教師升等審查辦法及國立中央大學地球科學學院教師升等審查辦法訂定本院重要期刊列表。
- 二、 本院教師升等代表著作應發表於申請升等五年內公告之本附錄所列重要期刊中；若未發表於本期刊列表者，需經系所教評會審查同意並送院教評會議專案討論通過方得列為代表著作。
- 三、 本附錄內期刊列表需經各系所教評會議暨所務會議通過提送院教評會核備公佈後實施。

### 重要期刊列表(依字母順序排列)

#### 院核心期刊

期刊名稱	期刊名稱
Atmospheric Chemistry and Physics	Monthly Weather Review
Earth and Planetary Science Letters	Nature
Environmental Science and Technology	Nature Geoscience
Geophysical Research Letters	Proceedings of the National Academy of Sciences of the United States of America
Geoscientific Model Development	
Hydrology and Earth System Sciences	Remote Sensing of Environment
International Journal of Greenhouse Gas Control	Reviews of Geophysics
Journal of the Atmospheric Sciences	Science
Journal of Climate	Scientific Reports
Journal of Geophysical Research	Tectonics
Journal of Physical Oceanography	Water Resources Research

## 各系所卓越期刊

### 大氣系卓越期刊

期刊名稱	期刊名稱
Atmospheric environment	Bulletin of the American Meteorological Society
Chemosphere	Climate Dynamics
Climate Research	Climatic Change
Environmental pollution	Environmental research
Environmental research letters	Environmental Reviews
Global Biogeochemical Cycles	International journal of climatology
Journal of hydrology	Journal of hydrometeorology
Nature Climate Change	Quarterly journal of the Royal Meteorological Society

### 地科系卓越期刊

期刊名稱	期刊名稱
Basin Research	Bulletin of the Seismological Society of America
Geochemistry, Geophysics, Geosystems	GEOLOGY
Geomorphology	Geophysical Journal International
Geophysics	Geothermics
Journal of Asian Earth Sciences	Journal of Structural Geology
Marine and Petroleum Geology	Marine Geology
Physics of the Earth and Planetary Interiors	Tectonophysics
Terra Nova	

### 太空系卓越期刊

期刊名稱	期刊名稱
Astronomy & Astrophysics	Astrophysical Journal
Astrophysical Journal Letters	Icarus
IEEE Signal Processing Magazine	IEEE Transactions on Image Processing
<u>Journal of Geophysical Research:</u>	Living Reviews in Solar Physics

<u>Machine Learning and Computation</u>	
Monthly Notices of the Royal Astronomy Society Journal	Nature Communications
Nature Physics	Physical Review Letters
Proceedings of the IEEE	Reviews of Modern Physics
Solar Physics	Space Science Reviews

### 應地所卓越期刊

期刊名稱	期刊名稱
AAPG BULLETIN	ACTA GEOTECHNICA
ADVANCES IN WATER RESOURCES	APPLIED GEOCHEMISTRY
AQUATIC GEOCHEMISTRY	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA
COMPUTATIONAL GEOSCIENCES	COMPUTERS & GEOSCIENCES
EARTH SURFACE PROCESSES AND LANDFORMS	EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS
ENGINEERING GEOLOGY	ENVIRONMENTAL MODELLING & SOFTWARE
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	
EPL	FUEL
GEOLOGY	GEOMORPHOLOGY
GEOPHYSICAL JOURNAL INTERNATIONAL	GEOTECHNIQUE
GREENHOUSE GASES-SCIENCE AND TECHNOLOGY	GROUNDWATER
GROUNDWATER MONITORING AND REMEDIATION	HYDROGEOLOGY JOURNAL
HYDROLOGICAL PROCESSES	INTERNATIONAL JOURNAL OF COAL GEOLOGY
INT J ROCK MECH MIN	ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING
JOURNAL OF ASIAN EARTH SCIENCES	JOURNAL OF CONTAMINANT HYDROLOGY
JOURNAL OF HYDRO-ENVIRONMENT RESEARCH	JOURNAL OF HYDROLOGY
JOURNAL OF STRUCTURAL GEOLOGY	LANDSLIDES
NATURAL HAZARDS AND EARTH SYSTEM	ROCK MECHANICS AND ROCK

SCIENCES	ENGINEERING
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT	TECTONOPHYSICS

### 水海所卓越期刊

期刊名稱	期刊名稱
Advances in Water Resources	Agricultural and Forest Meteorology
Climate Dynamics	Climatic Change
Coastal Engineering	Computers & Fluids
Continental Shelf Research	Coral Reefs
Engineering Geology	Environmental Science and Pollution Research
Estuarine, Coastal and Shelf Science	Experiments in Fluids
Hydrological Processes	Journal of Asian Earth Sciences
Journal of Atmospheric and Oceanic Technology	Journal of Colloid And Interface Science
Journal of Fluid Mechanics	Journal of Fluids and Structures
Journal of Hydraulic Engineering	Journal of Hydraulic Research
Journal of Hydrology	Journal of Marine Systems
Journal of Petroleum Science and Engineering	Marine Pollution Bulletin
Ocean Dynamics	Ocean Engineering
Physics of Fluids	Vadose Zone Journal
Wind Energy	

### 各系所優良期刊

#### 大氣系優良期刊

期刊名稱	期刊名稱
Advances in Atmospheric Sciences	Aerosol and Air Quality Research
Aerosol science and technology	Atmospheric Measurement Techniques
Atmospheric research	Atmospheric science letters
Boundary-Layer Meteorology	Dynamics of atmospheres and oceans
Environmental Chemistry	Environmental Science and Pollution Research
Environmental Science: Processes &	Environmental Toxicology and Chemistry

Impacts	
Journal of aerosol science	Journal of Applied Meteorology and Climatology
Journal of Atmospheric and Oceanic Technology	Journal of Atmospheric Chemistry
Meteorological applications	Natural Hazards
Natural Hazards and Earth System Sciences	Ocean modelling
Tellus A	Tellus. Series B, Chemical and physical meteorology
Theoretical and Applied Climatology	Weather and Forecasting
Weather, Climate, and Society	

### 地科系優良期刊

期刊名稱	期刊名稱
Applied Clay Science	Bulletin of Earthquake Engineering
Computer and geosciences	Earth, Planets and Space
EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS	Earthquake Spectra
Engineering Geology	Geophysical Prospecting
Global and Planetary Change	Island arc
Journal of Applied Geophysics	Journal of Geodesy
Journal of Geodynamics	Journal of Volcanology and Geothermal Research
Marine geophysical research	Natural Hazard
Natural Hazards and Earth System Sciences	Oceanography
Pure and Applied Geophysics	Remote Sensing
Seismological Research Letters Geology	Soil Dynamics and Earthquake Engineering
Surveys in Geophysics	Terrestrial Atmospheric and Oceanic Sciences
WATER RESOURCES RESEARCH	

### 太空系優良期刊

期刊名稱	期刊名稱
Acta Astronautica	Advances in Space Research
AIAA Journal	Annales Geophysicae
Astrophysics and Space Science	Atmospheric Measurement Techniques
Earth Planets and Space	IEEE Journal of Selected Topics in Signal Processing
IEEE Transactions on Antennas and Propagation	IEEE Transactions on Microwave Theory and Techniques
IEEE Transactions on Signal Processing	Journal of Atmospheric and Solar-Terrestrial Physics
Journal of Computational Physics	Journal of Plasma Physics
Journal of Spacecraft and Rockets	Nonlinear Processes in Geophysics
Physical Review E	Physics of Plasmas
Planetary and Space Science	Plasma Physics and Controlled Fusion
Publications of the Astronomical Society of Japan	Radio Science
SPACE WEATHER-THE INTERNATIONAL JOURNAL OF RESEARCH AND APPLICATIONS	Terrestrial Atmospheric and Oceanic Sciences

### 應地所優良期刊

期刊名稱	期刊名稱
ACTA GEOLOGICA SINICA- ENGLISH EDITION	ACTA PETROLOGICA SINICA
AMERICAN MINERALOGIST	APPLIED MATHEMATICAL MODELLING
BULLETIN OF EARTHQUAKE ENGINEERING	BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT
BASIN RESEARCH	CANADIAN GEOTECHNICAL JOURNAL
CHEMICAL GEOLOGY	COMPUTERS & FLUIDS
COMPUTERS AND GEOTECHNICS	EARTHQUAKE SPECTRA
ENERGY & FUELS	ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL EARTH SCIENCES	ENVIRONMENTAL MONITORING AND ASSESSMENT
GEOCHEMICAL JOURNAL	GEOPHYSICS
GEOTECHNIQUE LETTERS	INTERNATIONAL JOURNAL OF GEOMECHANICS

INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS	INTERNATIONAL JOURNAL OF CIVIL ENGINEERING
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING	JOURNAL OF COASTAL RESEARCH
JOURNAL OF ENVIRONMENTAL ENGINEERING	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY
JOURNAL OF GREY SYSTEM-UK	JOURNAL OF HYDROLOGIC ENGINEERING
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES	NATURAL HAZARDS
OIL SHALE	PURE AND APPLIED GEOPHYSICS
QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING
SOIL SCIENCE SOCIETY OF AMERICA JOURNAL	TERRESTRIAL ATMOSPHERIC AND OCEANIC SCIENCES
VADOSE ZONE JOURNAL	WASTE MANAGEMENT

### 水海所優良期刊

期刊名稱	期刊名稱
Coastal Engineering Journal	<a href="#">Ecological Engineering</a>
Environmental Monitoring and Assessment	Estuaries and Coasts
International Journal of Multiphase Flow	Journal of Earthquake and Tsunami
Journal of Waterway, Port, Coastal, and Ocean Engineering	Limnology and Oceanography-Methods
Natural Hazards	Ocean Science
Transport in Porous Media	Water

**PS:**第一次需經院務會議審核通過，未來每年定期檢視則循

### 第三點程序辦理