

Annales Geophysicae

An open-access journal of the European Geosciences Union

Selected keywords for Annales Geophysicae

Atmospheric composition and structure

- 0305 Aerosols and particles
- 0310 Airglow and aurora
- 0315 Biosphere–atmosphere interactions
- 0320 Cloud physics and chemistry
- 0325 Evolution of the atmosphere
- 0330 Geochemical cycles
- 0335 Ion chemistry of the atmosphere
- 0340 Middle atmosphere – composition and chemistry
- 0345 Pollution – urban and regional
- 0350 Pressure, density, and temperature
- 0355 Thermosphere – composition and chemistry
- 0360 Transmission and scattering of radiation
- 0365 Troposphere – composition and chemistry
- 0370 Volcanic effects
- 0394 Instruments and techniques
- 0399 General or miscellaneous

Electromagnetics

- 0604 Antenna arrays
- 0609 Antennas
- 0614 Biological effects

- 0619 Electromagnetic theory
- 0624 Guided waves
- 0629 Inverse scattering
- 0634 Measurement and standards
- 0639 Nonlinear electromagnetics
- 0644 Numerical methods
- 0649 Optics
- 0654 Plasmas
- 0659 Random media and rough surfaces
- 0664 Reflectors and feeds
- 0669 Scattering and diffraction
- 0674 Signal processing and adaptive antennas
- 0679 Singularity expansion method
- 0684 Transient and time domain
- 0689 Wave propagation
- 0694 Instrumentation and techniques
- 0699 General or miscellaneous

Geomagnetism and paleomagnetism

- 1505 Biomagnetism
- 1510 Dynamo theories
- 1515 Geomagnetic induction
- 1520 Paleomagnetic secular variation
- 1525 Paleomagnetism applied to tectonics
- 1530 Rapid time variations

- 1535 Reversals (process, timescale, magnetostratigraphy)
- 1540 Rock and mineral magnetism
- 1545 Spatial variations (all harmonics and anomalies)
- 1550 Spatial variations attributed to seafloor spreading
- 1555 Time variations – diurnal to secular
- 1560 Time variations – secular and long term
- 1594 Instruments and techniques
- 1599 General or miscellaneous

History of geophysics

- 1704 Atmospheric sciences
- 1709 Geodesy
- 1714 Geomagnetism and paleomagnetism
- 1719 Hydrology
- 1724 Ocean sciences
- 1729 Planetology
- 1734 Seismology
- 1739 Solar–planetary relationships
- 1744 Tectonophysics
- 1749 Volcanology, geochemistry, and petrology
- 1794 Instruments and techniques
- 1799 General or miscellaneous

Hydrology

- 1803 Anthropogenic effects
- 1806 Chemistry of fresh water
- 1809 Desertification
- 1812 Drought
- 1815 Erosion and sedimentation
- 1818 Evapotranspiration
- 1821 Floods
- 1824 Geomorphology
- 1827 Glaciology
- 1830 Groundwater
- 1833 Hydroclimatology
- 1836 Hydrologic budget
- 1839 Infiltration
- 1842 Irrigation
- 1845 Limnology
- 1848 Networks
- 1851 Plant ecology
- 1854 Precipitation
- 1857 Reservoirs
- 1860 Runoff and streamflow
- 1863 Snow and ice
- 1866 Soil moisture
- 1869 Stochastic processes
- 1872 Transport
- 1875 Water balance
- 1878 Water–energy interactions
- 1881 Water quality
- 1884 Water supply
- 1894 Instruments and techniques

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1899 General or miscellaneous

Interplanetary physics

2104 Cosmic rays
2109 Discontinuities
2114 Energetic particles
2119 Flare and stream dynamics
2124 Heliopause and solar wind termination
2129 Interplanetary dust
2134 Interplanetary magnetic fields
2139 Interplanetary shocks
2144 Interstellar gas
2149 MHD waves and turbulence
2154 Planetary bow shocks
2159 Plasma waves and turbulence
2164 Solar wind plasma
2169 Sources of the solar wind
2194 Instruments and techniques

Ionosphere

2403 Active experiments
2407 Auroral ionosphere
2411 Electric fields and currents
2415 Equatorial ionosphere
2419 Ion chemistry and composition
2423 Ionization mechanisms
2427 Ionosphere–atmosphere interactions
2431 Ionosphere–magnetosphere interactions

2435 Ionospheric disturbances
2439 Ionospheric irregularities
2443 Midlatitude ionosphere
2447 Modelling and forecasting
2451 Particle acceleration
2455 Particle precipitation
2459 Planetary ionospheres
2463 Plasma convection
2467 Plasma temperature and density
2471 Plasma waves and instabilities
2475 Polar ionosphere
2479 Solar radiation and cosmic ray effects
2483 Wave–particle interactions
2487 Wave propagation
2494 Instruments and techniques
2499 General or miscellaneous

Magnetospheric physics

2704 Auroral phenomena
2708 Current systems
2712 Electric fields
2716 Energetic particles, precipitating
2720 Energetic particles, trapped
2724 Magnetopause, cusp, and boundary layers
2728 Magnetosheath
2732 Magnetosphere interactions with satellites and rings
2736 Magnetosphere–ionosphere interactions

2740 Magnetospheric configuration and dynamics
2744 Magnetotail
2748 Magnetotail boundary layers
2752 MHD waves and instabilities
2756 Planetary magnetospheres
2760 Plasma convection
2764 Plasma sheet
2768 Plasmasphere
2772 Plasma waves and instabilities
2776 Polar cap phenomena
2780 Solar wind interactions with unmagnetized bodies
2784 Solar wind–magnetosphere interactions
2788 Storms and substorms
2794 Instruments and techniques
2799 General or miscellaneous

Meteorology and atmospheric dynamics

3304 Atmospheric electricity
3309 Climatology
3314 Convective processes
3319 General circulation
3324 Lightning
3329 Mesoscale meteorology
3334 Middle atmosphere dynamics
3339 Ocean–atmosphere interactions
3344 Palaeoclimatology
3349 Polar meteorology
3354 Precipitation

3359 Radiative processes
3364 Synoptic-scale meteorology
3369 Thermospheric dynamics
3374 Tropical meteorology
3379 Turbulence
3384 Waves and tides
3394 Instruments and techniques
3399 General or miscellaneous

Radio science

6904 Atmospheric propagation
6909 Electromagnetic metrology
6914 Electromagnetic noise and interference
6919 Electro-optics
6924 Interferometry
6929 Ionospheric physics
6934 Ionospheric propagation
6939 Magnetospheric physics
6944 Nonlinear phenomena
6949 Radar astronomy
6954 Radio astronomy
6959 Radio oceanography
6964 Radio wave propagation
6969 Remote sensing
6974 Signal processing
6979 Space and satellite communication
6984 Waves in plasma
6994 Instruments and techniques
6999 General or miscellaneous

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Solar physics, astrophysics, and astronomy

- 7504 Celestial mechanics
- 7509 Corona and transition region
- 7514 Energetic particles
- 7519 Flares and mass ejections
- 7524 Magnetic fields
- 7529 Photosphere and chromosphere
- 7534 Radio emissions
- 7539 Stellar astronomy
- 7544 Stellar interiors and dynamo theory
- 7549 Ultraviolet emissions
- 7554 X-rays and gamma rays
- 7594 Instruments and techniques
- 7599 General or miscellaneous

Space plasma physics

- 7803 Active perturbation experiments
- 7807 Charged particle motion and acceleration
- 7811 Discontinuities
- 7815 Electrostatic structures
- 7819 Experimental and mathematical techniques
- 7823 Ionization processes
- 7827 Kinetic and MHD theory
- 7831 Laboratory studies
- 7835 Magnetic reconnection
- 7839 Nonlinear phenomena
- 7843 Numerical simulation studies

- 7847 Radiation processes
- 7851 Shock waves
- 7855 Spacecraft sheaths, wakes, charging
- 7859 Transport processes
- 7863 Turbulence
- 7867 Wave–particle interactions
- 7871 Waves and instabilities
- 7875 Wave–wave interactions
- 7894 Instruments and techniques
- 7899 General or miscellaneous

General or miscellaneous

- 9805 Instruments useful in three or more fields
- 9810 New fields (not classifiable under other headings)
- 9815 Notices and announcements
- 9820 Techniques applicable in three or more fields
- 9900 Corrections