

17. COMPUTER JOURNAL
18. COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING
19. COMPUTERS AND FLUIDS
20. COMPUTERS AND GEOSCIENCES
21. COMPUTERS AND GEOTECHNICS
22. CONTINENTAL SHELF RESEARCH
23. DEEP SEA RESEARCH WITH OCEANOGRAPHIC LITERATURE
REVIEW (A & B)
24. DYNAMICS OF ATMOSPHERES AND OCEANS
25. EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS
26. EARTHQUAKE RESEARCH IN CHINA
27. EARTHQUAKE SPECTRA
28. EARTHQUAKES AND VOLCANOES
29. ECOLOGICAL MODELLING
30. ELECTRONICS WORLD (formerly: Electronics wirleless
world)
31. ENGINEERING GEOLOGY
32. EOS
33. EPISODES
34. ESTUARINE, COASTAL AND SHELF SCIENCE
35. EXPERT SYSTEMS
36. FELT AND DAMAGING EARTHQUAKE
37. FIRST BREAK
38. GEOBYTE
39. GEOEXPLORATION
40. GEOLOGICAL MAGAZINE
41. GEOLOGICAL SOCIETY. JOURNAL
42. GEOLOGY
43. GEOPHYSICAL JOURNAL INTERNATIONAL
44. GEOPHYSICAL PROSPECTING
45. GEOPHYSICS
46. GEOPHYSICS: THE LEADING EDGE OF EXPLORATION
47. GEOTIMES
48. GROUND WATER
49. IMPACT OF COMPUTING IN SCIENCE AND ENGINEERING
50. INFORMATION SYSTEMS

51. INTERNATIONAL HYDROGRAPHIC REVIEW
52. INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEER.
53. INTERNATIONAL JOURNAL OF NUMERICAL METHODS IN FLUIDS
TITOLO
54. INTERNATIONAL JOURNAL OF NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS
55. INTERNATIONAL JOURNAL OF REMOTE SENSING
56. INTERNATIONAL JOURNAL OF SUPERCOMPUTER APPLICATIONS
57. INTERNATIONAL VIDEO JOURNAL OF ENGINEERING RESEARCH
58. IZVESTIYA, PHYSICS OF THE SOLID EARTH
59. JOURNAL OF APPLIED PROBABILITY
60. JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY
61. JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS
62. JOURNAL OF COMPUTATIONAL PHYSICS
63. JOURNAL OF ENVIRONMENTAL ENGINEERING
64. JOURNAL OF GEOPHYSICAL RESEARCH, PART:B
65. JOURNAL OF GEOPHYSICAL RESEARCH, PART:C
66. JOURNAL OF GEOTECHNICAL ENGINEERING
67. JOURNAL OF MARINE RESEARCH
68. JOURNAL OF MARINE SCIENCE ICES
69. JOURNAL OF MARINE SYSTEMS
70. JOURNAL OF MULTIVARIATE ANALYSIS
71. JOURNAL OF PHYSICAL OCEANOGRAPHY
72. JOURNAL OF PHYSICS OF THE EARTH
73. JOURNAL OF SCIENTIFIC COMPUTING
74. JOURNAL OF STRUCTURAL GEOLOGY
75. JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA
76. JOURNAL OF THE HYDRAULIC ENGINEERING
77. JOURNAL OF THE OCEANOGRAPHICAL SOCIETY OF JAPAN
78. JOURNAL OF THE WATERWAY, PORT, COASTAL AND OCEAN
DIVISION
79. LIMNOLOGY AND OCEANOGRAPHY
80. MARINE GEOLOGY
81. MATHEMATICA JOURNAL (SUPPLEMENT 3.5" MS-DOS)
82. MATHEMATICAL AND COMPUTER MODELLING

83. MATHEMATICAL GEOLOGY
84. MATHEMATICS & COMPUTERS IN SIMULATION
85. MECHANICS OF MATERIALS
86. NATURAL HAZARDS
87. NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS
88. NUMERISCHE MATHEMATIK
89. OCEANOGRAPHY MAGAZINE
90. OCEANOLOGICA ACTA
91. PARALLEL COMPUTING
92. PHYSICA/SECTION D
93. PHYSICS OF THE EARTH AND PLANETARY INTERIOR
94. PROGRESS IN OCEANOGRAPHY
95. PURE AND APPLIED GEOPHYSICS
96. QUARTERLY JOURNAL OF ENGINEERING GEOLOGY
97. QUARTERLY JOURNAL OF MECHANICS AND APPLIED
- MATHEMATICS
98. SEISMOLOGICAL RESEARCH LETTERS FORMERLY: EARTHQUAKE
NOTES
99. SEISMOLOGICAL SOCIETY OF AMERICA. BULLETIN
100. SIAM JOURNAL OF APPLIED MATHEMATICS
101. SIAM JOURNAL OF NUMERICAL ANALYSIS
102. SIAM JOURNAL ON SCIENTIFIC AND STATISTICAL COMPUTING
103. SOFTWARE: PRACTICE AND EXPERIENCE
104. SOIL DYNAMICS AND EARTHQUAKE ENGINEERING
105. STOCHASTICS PROCESSES AND THEIR APPLICATIONS
106. TECTONICS
107. TECTONOPHYSICS
108. TELLUS, SERIE A: DYNAMIC METEOROLOGY AND OCEANOGRAPHY
109. VM UPDATE
110. WATER RESOURCES RESEARCH
111. WAVE MOTION
112. WAVES IN RANDOM MEDIA
113. JOURNAL OF COMPUTATIONAL ACOUSTIC
114. INGEGNERIA SISMICA
115. EUROPEAN EARTHQUAKE ENGINEERING
116. NUOVO CIMENTO, Sez. C

**ELENCO DELLE RIVISTE RICEVUTE DALL'OGS
IN SCAMBIO (s) E OMAGGIO (o)**

1) Acta Geophysica - Polonia	s
2) Acta Adriatica - Croazia	s
3) Annales, serie A - Finlandia	s
4) Acta Hydrophysica - Germania	s
5) Annali di geofisica - Roma	s
6) American Journal of Science - U.S.A.	s
7) Acta Geophysica Sinica - Cina	s
8) Acta Geodaetica, Geophysica... - Ungheria	o
9) Acta Polytechnica Scandinavica - Finlandia	s
10) Bulletin De L'OMN - Svizzera	o
11) Bulgarian Geophysical Journal - Romania	s
12) Bulletin of Marine Science - U.S.A.	s
13) Boletín Geológico y Minero - Brasile	s
14) Bollettino di Geodesia e Scienze Affine - Firenze	s
15) Bollettino Assoc. Mineraria Subalpina - Torino	s
16) Bulletin Des Centries... Elf Aquitaine - Francia	s
17) Bulletin of the Earthquake Research Institute Giappone	s
18) Canadian Journal of Earth - Canada	s
19) Chronique de la Recherche Minière - Francia	o
20) Deutsche Hydrographische Zeitschrift - Germania	s
21) Earth and Mineral Sciences - U.S.A.	s
22) Electronic Design	o
23) Energia Elettrica - Milano	o
24) Geologija - Slovenia	s
25) Geofisica Internacional - Messico	s
26) Geophysical Transactions - Ungheria	s
27) Geofizika - Croazia	s
28) Geologie en Mijnbouw - Olanda	o
29) Geologia Ultraiectina - Germania	s

30) Geograficky Casopis - Cecoslovacchia	o
31) Hydrogeologie - Francia	s
32) Indian Journal of Marine Science	s
33) Journal of Research of the National Bureau of Standards - U.S.A.	s
34) Journal of the Faculty of Sciences - Giappone	s
35) Linea EDP - Italia	o
36) Marine Sciences Contents Tables	s
37) Mineralogica et Petrographica Acta - Bologna	s
38) Mausam - India	s
39) Österreichische Zeitschrift für... - Austria	s
40) Oceanologica et Limnologica Sinica - Cina	s
41) Oceanologija - ex Russia	s
42) Oceanus - U.S.A.	s
43) Rendiconti del Seminario della Facoltà di Scienze di Cagliari - Italia	s
44) Revue de l'Institut Francais du Petrole - Francia	s
45) Statistical Science	o
46) Studia Geophysica et Geodaetica - Cecoslovacchia	s
47) Surveying and Mapping - U.S.A.	s
48) Studi Trentini di Scienze Naturali - Italia	s
49) Satmer	o
50) Studi Geologici Cameriti - Italia	s

6. Potenza di calcolo installato all'OGS

I mezzi di calcolo presenti all'OGS comprendono:

Mainframe IBM 3090 120e (32MB di RAM, 37,5 GB di spazio in disco, e 7,5 Mips di potenza di calcolo). Supporta 72 postazioni di lavoro fra terminali e PC's in emulazione 3270. E' corredato di 4 Array Processors (12 MFlops ciascuno) utilizzati dal Pacchetto della HGS per il processo di dati sismici.

36 postazioni di lavoro autonome (workstations RISC e workstation RISC e workstations Apollo):

- Centro di Calcolo: 2 workstations
- CRS: 2 workstations.
- OGA: 6 workstations RISC, 1 X-Terminal e 2 workstations Apollo
- GDL: 2 RISC di grossa potenza (PROS e GEMS), 1 Apollo 10000 (2 processori), 4 RISC di media potenza, e 16 workstations Apollo.

Presso il Centro di calcolo sono inoltre installate unità disco, unità nastro e unità cartucce per l'alimentazione dell'unità centrale, oltre a due plotter Benson e ad un Plotter Seischrome per la visualizzazione dei dati su carta.

Macchine di minore potenza sono a disposizione della Amministrazione e della Direzione.

(Prof. Cesare Roda)

Trieste, marzo 1994