

經濟部地質調查及礦業管理中心112年度各項委外計畫研究人員性別統計
Gender statistics for Research team of commissioned projects in 2023, Central Geological Survey

單位:人數、%, unit:person、%						
序號 No.	計畫名稱Project	研究總人數 Committee members	研究人數(男 性)Committee members(male)	男性百分比 Percentage, male(%)	研究人數(女 性)Committee members(femal e)	女性百分比 Percentage, female (%)
1	潛在大規模崩塌判釋與數值地形資料計量分析(2/5) Detail interpretation of potential large-scale landslides and quantitative analysis of DEM(2/5)	21	14	66.7%	7	33.3%
2	山崩地質資訊雲端服務平臺智慧應用與服務(2/5) Smart Application and Service in Cloud services platform of landslides geological information(2/5)	12	9	75.0%	3	25.0%
3	應用動態循環三軸試驗精進土壤液化潛勢評估模式(1/5) Improving soil liquefaction potential evaluation using dynamic cyclic triaxial test(1/5)	14	10	71.4%	4	28.6%
4	全臺土壤液化地下水文因子建立與受震行為分析(4/4) The study of coseismic geohydrological changes and its effects on soil liquefaction potential in Taiwan (4/4)	18	15	83.3%	3	16.7%
5	土壤液化潛勢調查與相關規範專案總顧問(4/4) The general counsel project for soil liquefaction potential investigation and related specifications(4/4)	9	7	77.8%	2	22.2%
6	山崩巨量資料應用及智慧動態山崩模式發展(2/5) The appliance of big-data and AI on dynamic landslide susceptibility model(2/5)	25	17	68.0%	8	32.0%
7	土壤液化風險地圖產製與監測場址建置(2/6) Production of soil liquefaction risk maps and establishment of soil liquefaction monitoring system(2/6)	11	10	90.9%	1	9.1%

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8	山崩與地滑地質敏感區變更資料更新暨準則執行檢討(2/2) The Reference Data of Geologically Sensitive Area with Landslide Update and the Geological Investigation Regulations Review (2/2)	13	9	69.2%	4	30.8%
9	土壤液化淺層地下水位動態模式評估分析(1/2) Assessment and Analysis of Shallow Groundwater Dynamics Model for Soil Liquefaction (1/2)	23	14	60.9%	9	39.1%
10	山崩活動性調查及觀測技術應用(1/4) Application of technology for landslide activity investigation and observation(1/4)	20	19	95.0%	1	5.0%
11	山崩與地滑先進數位測繪要點與解說手冊研擬及應用(2/2) Development and Application of Guidelines and Explanations of Advanced Digital Surveying and Mapping for Landslides and prone Area (2/2)	11	7	63.6%	4	36.4%
12	土壤液化潛勢調查分析與精進(6/6) Investigation and Analysis of Soil Liquefaction Potential and Its Advanced Research (6/6)	16	13	81.3%	3	18.8%
13	「地質敏感區行政作業流程檢討及座談」 Review and discussion of administrative procedures in geologically sensitive areas	7	6	85.7%	1	14.3%
14	分區空載地球物理調查與探勘資料系統建置 Regional airborne geophysical surveying and exploration data system establishment	17	13	76.5%	4	23.5%

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15	臺東縣紅葉地區地質模型建置與資源潛能評估(1/2) Geological Modeling and Resource Potential Evalution in Hongye Area, Taitung(1/2)	19	15	78.9%	4	21.1%
16	花蓮縣瑞林地區地質模型建置與資源潛能評估(1/2) Geological Modeling and Resource Potential Evalution in Raylin Area, Hualian(1/2)	23	20	87.0%	3	13.0%
17	東部變質岩區地質鑽井及資源測試 Geological drilling and resource survey in the metamorphic rock area, eastern Taiwan	16	13	81.3%	3	18.8%
18	花東地區地質探勘井產能測試研究計畫	5	4	80.0%	1	20.0%
19	大屯火山群馬槽地區地質鑽探(2/2) The geological drilling in Matsao area in the Tatum volcano group. (2/2)	24	22	91.7%	2	8.3%
20	馬槽地區地質鑽探現地稽核與記錄 (1/2) The inspection and integration of the geological drilling in Matsao area. (1/2)	3	2	66.7%	1	33.3%
21	研擬地質調查技術及鑽探作業手冊草案(2/2) Drafting Manuals of Geological Investigation amd Drilling Operation (2/2)	10	9	90.0%	1	10.0%

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22	臺灣北部大屯火山地區精密水準測量第二期(2/2) Phase II : Precision Leveling in the Datun Volcanic Area in Northern Taiwan (2/2)	20	14	70.2%	6	30.0%
23	臺灣北部火山地區火山災害潛勢資料蒐集與調查分析(4/4) Investigation and Analysis of Volcanic Hazard Potential Data in Volcanic Areas of Northern Taiwan (4/4)	13	7	53.8%	6	46.2%
24	重要活動斷層地區地表變形觀測與斷層潛勢評估-第二階段(1/3) Surface Deformation Observation and Fault Potential Assessment in Important Active Fault Regions (II)(1/3)	28	20	71.4%	8	28.6%
25	應用合成孔徑雷達差分干涉技術觀測地表變形第二階段 (1/3) Observation of Surface Deformation Using Synthetic Aperture Radar Differential Interferometry (II)(1/3)	9	5	55.6%	4	44.4%
26	112年活動斷層地質敏感區劃設可行性評估	3	2	67.0%	1	33%
27	112-113年斷層地下構造探查 Seismic Exploration for the Fault Zone Structure (1/2)	7	6	86%	1	14%
28	地下水層水文地質特性調查及地下水資源評估 (2/5)Investigation of Hydrogeological Properties and Assessment of Groundwater Resources of Unconsolidated and Semiconsolidated Aquifer (2/5)	16	12	78.0%	4	12.0%

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29	地表補注潛勢評估與地下地質架構分析 (3/4) Assessment of groundwater recharge potential and analysis of hydrogeologic structure(3/4)	24	21	88%	3	13%
30	「地下水補注區調查與水資源評估-臺灣中部地下水區」-重要 地下水區邊界特性研析與圖幅繪編(2/5) Groundwater recharge area survey and water resources assessment- Groundwater area in central Taiwan - Analysis on the boundary characteristics of major groundwater	23	17	81%	6	19%
31	臺灣水文地質資訊系統建置與服務(2/5) Development of hydrogeology information service system of Taiwan (2/5)	10	7	70.0%	3	30.0%
32	臺灣東北部礦產地質調查-震測及地質構造調查研究(4/4) Geological investigation of mineral deposits in northeastern Taiwan - Seismic and geological structure surveys (4/4)	37	24	64.9%	13	35.1%
33	臺灣東北部礦產地質調查-高解析聲納及磁力調查研究 (4/4) Geological investigation of mineral deposits in northeastern Taiwan - High-resolution sonar and magnetic surveys (4/4)	14	9	64.3%	5	35.7%
34	臺灣東北部礦產地質調查-地球化學及海床觀測調查研究 (4/4) Geological investigation of mineral deposits in northeastern Taiwan - Geochemical investigation and sea floor imaging (4/4)	26	15	57.7%	11	42.3%
35	離岸風場海域地質調查及地質環境資訊服務-地質構造及海床底 質調查暨資料庫建置(2/4) Marine geological survey and geo-environmental information services of offshore wind farms - Geological structural investigation, chirp sonar survey and database construction (2/4)	48	29	60.4%	19	39.6%

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36	離岸風場海域地質調查及地質環境資訊服務－高解析地層及海床地貌調查(2/4) Marine geological survey and geo-environmental information services of offshore wind farms－High-resolution surveys of stratigraphy and seafloor geomorphology (2/4)	39	25	64.1%	14	35.9%
37	離岸風場海域地質調查及地質環境資訊服務－建置離岸風場開發地質與環境感知系統暨資訊供應平台(2/4) Marine geological survey and geo-environmental information services of offshore wind farms－Build an offshore wind farm development geological and environmental perception system	19	12	63.2%	7	36.8%
38	臺灣地質知識網絡推動與發展計畫第三期(2/5) Taiwan Geoscience Nerwork Project, phase III (2/5)	23	16	69.6%	7	30.4%
39	地質資訊智慧匯流與圖資建置計畫(3/5) Digital Convergence Of Geological Information Development Project(3/5)	15	9	60.0%	6	40.0%
40	地熱探勘資訊平臺擴建計畫(1/2) Geothermal Information Platform Extension Project(1/2)	10	6	60.0%	4	40.0%
-	合計	701	504	71.9%	197	28.1%

資料來源：經濟部地質調查及礦業管理中心 (Source:Central Geological Survey, MOEA)