

本會委託研究計畫 一覽表

Research Projects Commissioned by the PCC

Humanism

Quality

Sustainability

■ 計畫名稱

1. 土石流及崩場地整體治理對策之研擬及既有防治措施之效益檢討
2. 公共工程契約工期合理化及縮短工期配套措施之研究
3. 台灣山區公路防救災專家資訊系統之建立及其與公路災害管理系統整合之研究
4. 建立公共工程規劃設計之品質評鑑指標及機制暨納入公共工程金質獎評鑑之作業辦法
5. 建立災後重大公共設施安全驗證機制之研究-以橋樑、河海防構造物為例
6. 建置公共工程施工績效評估機制之研究
7. 建置防救災工程資源資料庫之研究(第一期)
8. 國土資訊系統應用於公共建設(全生命週期)管理機制之研究
9. 公共建設政府部門電子化環境建置之研究
10. 台灣營建業者進入開發中國家市場之可行性研究
11. 各國專業技師相互認許制度之研究
12. 知識管理在公共工程建設應用之研究
13. 建立公共建設工程保險機制之研究
14. 建立公共建設需求調查與管理之研究
15. 統一發包機制委託專案研究
16. 歐美日韓各國營建產業制度與政策研究
17. 公共建設永續發展之人才教育-各機關辦理公共工程常見司法爭議類型化之研究
18. 土石流高潛勢區之橋梁設計及管理
19. 公共工程延壽政策及相關技術之探討
20. 公共工程維護管理經費編審及查核制度之研究
21. 台灣地區隧道岩體分類系統暨隧道工程資料庫之建立(第三期九十一年度)
22. 各類型災害潛勢資料應用於公共工程規劃設計之研究(第一期)
23. 建立我國國土規劃與公共建設結合機制之研究
24. 建立新工法、新技術及新材料審議認證機制之研究
25. 跨越活動斷層橋梁規劃設計方式之研究
26. 綠營建政策推動策略及藍圖之研究
27. 應用生命週期成本分析提高公共建設經濟效益之研究

■ Name of Project

1. Integrated Measures for Mudflow and Landslide Rectification, and Review of the Effectiveness of Existing Preventive Measures
2. Rationalization of Construction Periods for Infrastructure Projects, and Accompanying Measures for the Shortening of Construction Periods
3. Establishment of an Expert Information System for Disaster Prevention and Rescue in Mountain Areas, and Its Integration with the Highway Disaster Management System
4. Establishment of Quality Assessment Indexes and Mechanisms for Public Construction Planning and Design, and Rules for Their Inclusion in the Golden Quality Awards
5. Establishment of a Post-Disaster Safety Certification Mechanism for Major Public Facilities, Using Bridges and River and Sea Protective Structures as Examples
6. Establishment of a Performance Assessment Mechanism for Public Construction
7. Establishment of a Disaster Prevention and Rescue Engineering Resources Databank (Stage One)
8. A Management Mechanism for the Application of the National Land Information System to Public Construction (Throughout Its Entire Life Cycle)
9. Establishment of a Public Construction Electronic Environment for the Government Sector
10. Feasibility Study for the Entry of Taiwanese Construction Firms into Developing Country Markets
11. A Mutual Recognition System Professional Technician Certification in Different Countries
12. Application of Knowledge Management in Public Construction
13. Establishment of a Public Construction Insurance Mechanism
14. Establishment of Public Construction Demand Surveying and Management
15. Commissioning Program for the Unified Awarding of Contracts
16. Construction Industry Systems and Policies in Europe, the United States, Japan, and Korea
17. Education for Sustainable Public Construction - Categorization of Common Judicial Disputes Concerning Agencies Undertaking Public Construction
18. Bridge Design and Management in High-Mudflow-Potential Areas
19. Life Extension Policy and Related Technology for Public Construction
20. Budgeting, Review, and Auditing System for Public Construction Maintenance and Management Expenses
21. Establishment of a Databank for a Tunnel Rock Mass Classification System and Tunnel Engineering (Third Stage, 2002)
22. Application of Disaster Potential Data to Public Construction Planning and Design (First Stage)
23. Establishment of an Integrated Mechanism for National Land Planning and Public Construction
24. Establishment of a Screening and Certification Mechanism for New Construction Methods, Technology, and Materials
25. Planning and Design Methods for Bridges that Cross Active Fault Lines
26. Promotion Strategies and Blueprints for Green Construction
27. Use of Life-Cycle Cost Analysis to Enhance the Economic Efficiency of Public Construction



馬公航空站