Contents

Preface ix

1 Introduction: Political Engineering and the “Redemption of Spain” 1

2 The Concrete Dodecahedron: The Political Economy of Coal, Design, and the Landscape 15

3 Laboratories and Churches: Science, Industry, and National Catholicism 41

4 One Grain, One Nation: Rice Genetics and the Corporate State (1936–1952) 77

5 The Total Systematization of a River and the Limitations of “Totalitarianism”: Industry, Agriculture, and Physical Models in the Pyrenees 103

6 Scientific Standards as Tools for Political Transformation: Prestressed Concrete, European Integration, and the Regulatory State 137

7 Conclusion 159

Notes 165
Bibliography 249
Index 293