

TRANSFORM PLATE BOUNDARIES AND FRACTURE ZONES

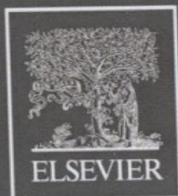
A thorough assessment of the fascinating and largely unexplored topic of transform faults and fracture zones, bridging the gap between tectonics, seismology, and their societal impacts

- Reviews both foundational and state-of-the-art concepts about transform plate boundaries and fracture zones
- Includes a variety of case studies on both oceanic and continental settings
- Addresses innovative and provocative ideas about the activity of fracture zones and transform faults and their impacts on the human society

Transform Plate Boundaries and Fracture Zones bridges the gap between the classic plate tectonic theory and new emergent ideas, offering an assessment of state-of-the-art concepts, pending questions, and future directions in the study of transform plate boundaries and fracture zones. The book presents a number of case studies and reviews on both oceanic and continental tectonic settings. Chapters include coverage of the tectonic origin of different structures, descriptions of their evolution, present-day observations, diversity of seismic activity, and related seismic hazards.

Transform Plate Boundaries and Fracture Zones is a timely, multidisciplinary reference for a variety of researchers, including geophysicists, seismologists, structural geologists and tectonicists, as well as specialists in exploration geophysics and natural hazards. This book can also be used as an up-to-date reference at universities in both undergraduate and postgraduate levels.

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Contributors ix

Preface xi

1. Franz Lotze and the Origin of the
Idea of Transform Faulting in
Central Europe

A.M. CELÂL ŞENGÖR

- 1 Introduction 1
- 2 Post-Hercynian Tectonics of Central Europe 3
- 3 Franz Lotze and the Motion of the Blocks (*Schollen*)
in the Alpine Foreland 10
- 4 Lotze and Wilson: Rediscovery of the Wheel and Its
Implications 14
- 5 Conclusions 17
- References 18
- Further Reading 20

2. Global Characteristics of Oceanic
Transform Fault Structure and Seismicity

MONICA WOLFSON-SCHWEHR, MARGARET S.
BOETTCHER

- 1 Introduction 21
- 2 Global Characterization of Oceanic Transform
Fault Structure 28
- 3 Updated Global Characterization of Oceanic
Transform Fault Seismicity 39
- 4 The Effect of Fault Structure on the
Seismicity 41
- 5 Conclusion 55
- Acknowledgments 56
- References 56
- Further Reading 59

3. Topographic and Morphologic
Evidences of Deformation at Oceanic
Transform Faults: Far-Field
and Local-Field Stresses

MARCIA MAIA

- 1 Introduction 62
- 2 Spreading Rate Dependency and Ridge Jumps 69
- 3 Records of Past and Present Plate Movements 70
- 4 Local Effects: Influence of Lithosphere Cooling,
Mantle Temperature and Composition on
Transform Faults 80
- 5 Conclusions 81
- Acknowledgment 83
- References 83
- Further Reading 87

4. Reactivation of Oceanic Fracture
Zones in Large Intraplate Earthquakes?

THORNE LAY

- 1 Introduction 89
- 2 The Largest Oceanic Intraplate Earthquakes
Away From Boundaries 90
- 3 Large Events Outside the Wharton Basin 92
- 4 Wharton Basin Activity 93
- 5 Discussion and Conclusion 99
- Acknowledgments 101
- References 102

5. Mineralization at Oceanic Transform Faults and Fracture Zones

AMY GARTMAN, JAMES R. HEIN

- 1 Introduction 105
- 2 Description of Locations and Mineralization 107
- 3 Tectonic Commonalities 112
- 4 Summary and Concluding Comments 114
- Acknowledgments 115
- References 115

6. Seismic Behavior on Oceanic Transform Faults at the East Pacific Rise

MENG WEI

- 1 Introduction 119
- 2 Tectonic Setting 121
- 3 Key Datasets 121
- 4 Key Observations 124
- 5 Numerical Modeling of Seismic Behavior on OTFs 132
- 6 Summary and Conclusion 136
- 7 Challenges for the Future 137
- 8 Summary 139
- Acknowledgments 139
- References 139
- Further Reading 143

7. Structural Reorganization of the India-Arabia Strike-Slip Plate Boundary (Owen Fracture Zone; NW Indian Ocean) 2.4 million years ago

MATHIEU RODRIGUEZ, PHILIPPE HUCHON, NICOLAS CHAMOT-ROOKE, MARC FOURNIER, MATTHIAS DELESCLUSE

- 1 Introduction 146
- 2 The Sedimentary Record of Strike-Slip Tectonics Along the Owen Fracture Zone 146
- 3 Age of Structures Along the Owen Fracture Zone 151
- 4 Discussion and Perspectives 152
- Acknowledgments 153
- References 153

8. The Gloria Transform Fault—NE Atlantic: Seismogenic and Tsunamigenic Potential

RACHID OMIRA, MARTA NERES, LUIS BATISTA

- 1 Introduction 157
- 2 Geodynamic Setting 159
- 3 The Gloria Transform Fault 160
- 4 Tsunamigenic Potential of Gloria Fault 162
- 5 Discussion 164
- 6 Conclusions 166
- Acknowledgments 166
- References 166

9. Continental Transform Faults: Congruence and Incongruence With Normal Plate Kinematics

A.M. CELÂL ŞENGÖR, CENGİZ ZABCI, BORIS A. NATAL'IN

- 1 Introduction 170
- 2 Transform Faulting: Definition and Terminology 171
- 3 Depth Relations of Transform Faults in Continents 175
- 4 Continental Transform Faults in and Between Taphrogens 177
- 5 Examples of Continental Transform Faults Associated With Taphrogens 183
- 6 Continental Transform Faults in Orogens 193
- 7 Examples of Continental Transform Faults Associated With Orogens 200
- 8 Continental Transform Faults Connecting Orogens With Taphrogens 206
- 9 Continental Transform Faults and Keirogens *Incertae Sedis* 210
- 10 Continental Transform Faults and Triple Junctions in Continents 221
- 11 Continental Transform Fault-Like Structures on Other Planets 224
- 12 Conclusions 227
- Acknowledgments 230
- References 230
- Further Reading 246

10. The San Andreas Fault System: Complexities Along a Major Transform Fault System and Relation to Earthquake Hazards

KATHERINE SCHARER, ASHLEY STREIG

- 1 Introduction 249
- 2 Fault System History 252
- 3 Tectonic Complexity Along the SAFS: New Data 252
- 4 Earthquake History and Paleoseismology of the SAFS 255
- 5 Future Work 264
- Acknowledgments 265
- References 265
- Further Reading 269

11. Spatial and Temporal Distributions of Deformation in Strike-Slip Faults: The Karakoram Fault in the India-Asia Collision Zone

DAVID WALLIS, MICHAEL P. SEARLE

- 1 Introduction 271
- 2 The Challenge of Assessing Strain Fields Within an Active Collision Zone 275
- 3 Geomorphological Evidence for Spatiotemporal Variability in Slip Rate on the Karakoram Fault During the Quaternary 278
- 4 Geological and Geophysical Evidence for the Spatial and Temporal Distribution of Deformation on the KFZ During the Late Cenozoic 281
- 5 Summary and Future Targets 290
- Acknowledgments 292
- References 292

12. Stretching Transforms— Mediterranean Examples From the Betic- Alborán, Tyrrhenian-Calabrian, and Aegean-Anatolia Regions

ERNEST H. RUTTER, LORENZO VALETTI

- 1 Introduction 301
- 2 Stretching Faults 302
- 3 Faulting as a Velocity Discontinuity 303
- 4 Stretching Transform Systems in the Mediterranean Region 305

- 5 Conclusions 316
- Acknowledgments 316
- References 316
- Further Reading 320

13. Strike-Slip Faulting in the Calabrian Accretionary Wedge: Using Analog Modeling to Test the Kinematic Boundary Conditions of Geodynamic Models

MARC-ANDRÉ GUTSCHER, DAVID DELLONG, STÉPHANE DOMINGUEZ, JACQUES MALAVIEILLE, DAVID GRAINDORGE, FRAUKE KLINGELHOEFER

- 1 Introduction/Geodynamic Setting 321
- 2 Analog Modeling 324
- 3 Discussion 329
- 4 Conclusions 334
- Acknowledgments 334
- References 334

14. Plio-Quaternary Extension and Strike-Slip Tectonics in the Aegean

DIMITRIS SAKELLARIOU, KONSTANTINA TSAMPOURAKI-KRAOUNAKI

- 1 Introduction 339
- 2 North Aegean Sea/NAT/NAF 344
- 3 South Aegean Sea/Volcanic Arc 349
- 4 The Hellenic Arc and Trench 354
- 5 New Offshore Morphology and Fault Network 357
- 6 Geodynamic Synthesis and Open Questions 362
- Acknowledgments 366
- References 366

15. Strike-Slip Fault Systems Along the Northern Caribbean Plate Boundary

RICHARD J.F. WESSELS

- 1 Introduction 375
- 2 Evolution of the Northern Caribbean 376
- 3 Fault Zones and Seismicity 381
- 4 Discussion 386
- 5 Summary 389
- Acknowledgments 389
- References 390
- Further Reading 395

16. Morphotectonics of the Sea of
Marmara: Basins and Highs on the North
Anatolian Continental Transform
Plate Boundary

M. NAMIK ÇAĞATAY, GÜLSEN UÇARKUŞ

- 1 Introduction 397
- 2 Geological Setting 399
- 3 Morphology of the Sea of Marmara 400
- 4 Faults and Fault Scarps 407
- 5 Morphotectonic Evolution of the Sea of
Marmara 409
- Acknowledgments 411
- References 411
- Further Reading 416

17. Tectonic Segmentation of the Dead
Sea Fault System: A Review of
Geophysical Evidence

MICHAEL LAZAR

- 1 Introduction 417
- 2 Motion Along the DSF 419
- 3 Topography 420
- 4 Slip Rate 421
- 5 Heat Flow 422
- 6 Seismic Refraction 424
- 7 Seismicity 426

- 8 Magnetism 427
- 9 Gravity 427
- 10 Basins and Subbasins 428
- 11 Discussion and Conclusion 430
- References 432
- Further Reading 436

18. On Seismicity and Structural Style of
Oceanic Transform Faults: A Field
Geological Perspective From the Troodos
Ophiolite, Cyprus

ÅKE FAGERENG, CHRISTOPHER J. MACLEOD

- 1 Introduction 438
- 2 Seismic Coupling of Active Transforms 439
- 3 Observations From Active Transform Faults 440
- 4 Geological Setting of the Southern Troodos
Transform Fault Zone 442
- 5 Geometry of the STTFZ 443
- 6 Transform Fault Rocks 446
- 7 Discussion: Geological Controls on Transform Fault
Seismicity 451
- 8 Conclusions 454
- Acknowledgments 455
- References 455
- Further Reading 459

Index 461