



TÜRKİYE BİLİMLER AKADEMİSİ  
TURKISH ACADEMY OF SCIENCES

# GLOBAL TRANSFORMATIONS and TÜRKİYE



Ankara - 2024



TÜRKİYE BİLİMLER AKADEMİSİ  
TURKISH ACADEMY OF SCIENCES

# GLOBAL TRANSFORMATIONS and TÜRKİYE

## Editors

A. Nuri YURDUSEV  
Mürsel DOĞRUL

Ankara, 2024

## Global Transformations and Türkiye

Turkish Academy of Sciences Publications, 2024©

Science and Thought Series No: 58

**ISBN:** 978-625-6110-04-5

**DOI:** 10.53478/TUBA.978-625-6110-04-5

### Editors

Prof. Dr. A. Nuri YURDUSEV

Middle East technical University / any[at]metu.edu.tr / ORCID: 0000-0001-6653-5073

Asst. Prof. Dr. Mürsel DOĞRUL

National Defence University / mursel.dogrul [at]msu.edu.tr / ORCID: 0000-0002-0637-843X

### Secretariat

Büşra AYGÜN

The scientific responsibility for the language, scientific, ethical and legal aspects of all the articles included in the book belongs to the authors. Turkish Academy of Sciences and the editors have no responsibility.

### Turkish Academy of Sciences

Vedat Dalokay Cad. No: 112 06670 Çankaya - Ankara

Tel: +90 312 442 29 03 • www.tuba.gov.tr

### Graphic Design

Ali Buğra ERGİN

### 1st. Edition

750 Pieces

### Publication Place and Date

Ankara Basım Yayın Hizmetleri (Mustafa Sakalsız)

Başak Mah. 1704. Sokak No:2/9 Mamak - Ankara / 2024

Global Transformations and Türkiye / ed. Ahmet Nuri Yurdusev ve Mürsel Doğrul. --- Ankara : Turkish Academy of Sciences, 2024.

648 p. : res. , fig. ; 21 x 29.7 cm. – (Bilim ve Düşün Serisi No; 58)

Includes bibliographical references.

ISBN 978-625-6110-04-5

1.Globalization -- Türkiye. 2. Küreselleşme -- Türkiye. 3. Globalization -- Economic aspects --

Congresses. 4. Küreselleşme -- Ekonomik yönler -- Kongreler. 5. International relations – Türkiye. 6.

Uluslararası ilişkiler – Türkiye. 7. International economic relations. 8. Uluslararası ekonomik ilişkiler.

HF1352 G59 2024

327.101



This work is licensed under a Creative Commons Attribution-NonCommercial-No Derivative (BY-NC-ND) 4.0 International License.

# CONTENTS

## FOREWORD

*Muzaffer ŞEKER*

IX

## PREFACE

*A. Nuri YURDUSEV*

XIII

## PART 1

### WORLD DIS/ORDERS IN THE AGE OF GLOBAL TRANSFORMATIONS

#### - CHAPTER 1 -

#### IMAGINARIES OF INTERNATIONAL SOCIETY: CROSS-ROADS FROM 'ROME', 'SERENDIPPO', AND 'YALTA'

*Siba N'Zatioula GROVOGUI*

15

#### - CHAPTER 2 -

#### MAKING SENSE OF GLOBAL CONTINUITIES AND TRANSFORMATIONS THROUGH POSTCOLONIAL FEMINIST IR

*Mine Nur KÜÇÜK*

33

#### - CHAPTER 3 -

#### STALEMATED PEACEMAKING IN THE LIBERAL INTERNATIONAL ORDER AND THE PROBLEM OF PEACEMAKING UNDER MULTIPOLARITY

*Oliver P. RICHMOND*

51

#### - CHAPTER 4 -

#### STATE-CONDUCTED POLITICAL VIOLENCE: A PERSISTENT JURIDICO-POLITICAL PHENOMENON (EVEN IN TIMES OF TRANSFORMATION)

*Burcu TÜRKÖĞLÜ*

67

#### - CHAPTER 5 -

#### THE INTERNATIONAL ORDER AND IMPERATIVE GLOBAL TRANSFORMATIONS

*Yahiaoui HADIA*

85

#### - CHAPTER 6 -

#### A CONTRIBUTION TO RULE-BASED INTERNATIONAL ORDER: CODIFICATION OF KIN-STATE PROTECTION FOR INTER-STATE RELATIONS

*Hasan ULUSOY*

97



**PART 2**  
**GREAT POWERS AND MIDDLE POWERS IN A CHANGING WORLD**

- CHAPTER 7 -

**WITH GREAT POWER COMES GREAT RESPONSIBILITY:  
CAPABILITY CONCENTRATION AND DECISION-MAKING IN NUCLEAR ALLIANCES**

*Eliza GHEORGHE*  
*Muhammet MUHAMMETGULYYEV*  
117

- CHAPTER 8 -

**THREE TYPES OF WORLD POLITICS: COMPARING RUSSIAN DETERRENCE,  
CHINESE INTERCONNECTIVITY AND TURKISH DIPLOMATIC INITIATIVES**

*Selçuk AYDIN*  
*Birol AKGÜN*  
139

- CHAPTER 9 -

**SCALING THE STATE INTERESTS: MIDDLE POWER ALIGNMENTS WITHIN  
THE DUALITY OF STATUS QUO AND REVISIONISM**

*Metin YÜCEKAYA*  
155

- CHAPTER 10 -

**GLOBAL TRANSFORMATIONS AND  
TÜRKİYE'S MIDDLE POWER GRAND STRATEGY**

*Nurşin ATEŞOĞLU GÜNEY*  
179

- CHAPTER 11 -

**THE LANDSCAPE ANALYSES OF  
SEMICONDUCTOR RESEARCH TRENDS OF MIDDLE POWERS:  
MAPPING THE COLLABORATION NETWORKS OF  
JAPAN, SOUTH KOREA, TÜRKİYE, AND MALAYSIA**

*Ahmet ERĞURUM, Mürsel DOĞRUL*  
*Haydar YALÇIN*  
197

- CHAPTER 12 -

**NEW SECURITY PARADIGM, THE RELEVANCE OF HYBRID WARFARE:  
THE CASES OF TÜRKİYE AND VENEZUELA**

*Fátima FUNES*  
*Mariano DANCULOVÍČ*  
225

- CHAPTER 13 -

**WAR AND CAPTIVITY: ROMANIAN POWS IN OTTOMAN POW CAMPS AND  
OTTOMAN (TURKISH) POWS IN ROMANIAN POW CAMPS DURING WWI**

*Radu TUDORANCEA*  
243

**PART 3**  
**TÜRKİYE ON THE CUSP OF PERSISTENT CHALLENGES AND**  
**GLOBAL TRANSFORMATIONS**

- CHAPTER 14 -

**FOREIGN POLICY IN THE AGE OF ANXIETY:  
AN EXISTENTIALIST PERSPECTIVE ON POST-2016 TURKISH FOREIGN POLICY**

*Bahar RUMELİLİ*  
255

- CHAPTER 15 -

**HOW DOES THE CONCEPT OF ‘HUMAN SECURITY’ TRAVEL BEYOND THE CORE?  
THE POLITICS OF THEORIZING HUMAN SECURITY IN TÜRKİYE**

*Neslihan DİKMEN ALSANCAK*  
269

- CHAPTER 16 -

**THE TRANSFORMATION OF THE  
INTERNATIONAL SYSTEM AND TÜRKİYE’S INCREASING ROLE**

*Burhanettin DURAN*  
287

- CHAPTER 17 -

**GLOBAL TRANSFORMATION OF  
PEACEKEEPING OPERATIONS AND TÜRKİYE’S CONTRIBUTIONS**

*Menent SAVAŞ CAZALA*  
*Dilek KARABACAK*  
305

- CHAPTER 18 -

**TÜRKİYE’S UN PEACEKEEPING CONTRIBUTIONS AS INSTRUMENTS OF  
FOREIGN POLICY AMIDST GLOBAL TRANSFORMATIONS**

*Sümeyye KAYA UYAR*  
*Firuze Simay SEZGİN*  
331

- CHAPTER 19 -

**REFLECTIONS ON GLOBAL TRANSFORMATIONS IN WARGAMING:  
A CREATIVE EXPERIENCE AT NATIONAL DEFENSE UNIVERSITY**

*Hayati ÜNLÜ*  
351

- CHAPTER 20 -

**ENHANCING THE ECONOMIC DIPLOMACY CAPACITY AND  
PERFORMANCE OF TÜRKİYE IN THE  
NEW GLOBAL ECONOMIC & POLITICAL TRANSFORMATIONS: A MODEL PROPOSAL**

*Mustafa Said YAZICIOĞLU, Nazım EKREN,*  
*Uğur Yasin ASAL, Mefule FINDIKÇI ERDOĞAN*  
365

**PART 4**  
**CHALLENGES OF MIGRATION AND NEW CHANNELS OF DIPLOMACY**

---

- CHAPTER 21 -

**PRESSURES THROUGH INFLOWS:  
AN OVERVIEW OF TÜRKİYE'S MIGRATION GOVERNANCE**

*Deena SALEH*

383

- CHAPTER 22 -

**DEVELOPMENT OF THE TURKISH EDUCATION MODEL FOR IMMIGRANTS FOR  
GLOBAL TRANSFORMATIONS OF TÜRKİYE**

*Murat TUNCER*

*Ahmet Egemen AKMENÇE*

395

- CHAPTER 23 -

**DISCURSIVE POWER OF SCHOLARLY PRODUCED KNOWLEDGE  
ABOUT SYRIAN REFUGEE DOM IN TÜRKİYE**

*Sandra CVIKIC*

409

- CHAPTER 24 -

**INCLUSIVE EDUCATION SYSTEMS FOR  
IMMIGRANT SOCIAL INTEGRATION: A REVIEW OF LITERATURE**

*Servet KARDEŞ*

429

- CHAPTER 25 -

**INDONESIA'S STRATEGIES IN DEVELOPING COVID-19 VACCINE:  
FROM THE PERSPECTIVES OF MODERATE VACCINE NATIONALISM,  
VACCINE SCIENCE DIPLOMACY, AND SELF-RELIANCE**

*Siti R. SUSANTO*

441

- CHAPTER 26 -

**ENERGY SECURITY AND THE TURKISH SHIPYARDS IN THE ARCTIC:  
GLOBAL TRANSFORMATIONS AND TÜRKİYE**

*Ebru CAYMAZ*

*Adnan DAL*

459

**PART 5**  
**NEW MEDIA, THE CHALLENGE OF AI/CYBERSPACE**  
**AND NON-STATE ACTORS**

- CHAPTER 27 -  
**RESPONSIBLE AI:  
TRANSFORMING CLIMATE ACTION IN INTERNATIONAL RELATIONS**

*Şadi Evren ŞEKER*  
*Fatih Hüseyin BÖREKÇİ*  
471

- CHAPTER 28 -  
**THE IMPERATIVE OF ARTIFICIAL INTELLIGENCE AND DIGITAL DIPLOMACY:  
NAVIGATING INDIA-PAKISTAN RELATIONS AMIDST GLOBAL TRANSFORMATIONS**  
*Muhammad TABISH*  
487

- CHAPTER 29 -  
**GEOPOLITICAL IMPLICATIONS OF CYBERSPACE ON  
INTERNATIONAL RELATIONS: AN INDEPTH ANALYSIS**  
*Nezir AKYEŞİLMEN*  
501

- CHAPTER 30 -  
**EFFECTS OF SOCIAL MEDIA USE ON UNIVERSAL CULTURE: TIKTOK LANGUAGE**  
*Nebiye KONUK KANDEMİR*  
*Efe Kağan YURT*  
519

- CHAPTER 31 -  
**HOW NON-STATE ACTORS ARE AFFECTING  
THE GLOBAL TRANSFORMATION AND WARFARE,  
A CASE STUDY OF CONFLICT ZONES AND HOT SPOTS**  
*Waqar Hasan KHAN*  
531

- CHAPTER 32 -  
**EVENT MANAGEMENT PRACTICES OF NGO'S AND CULTURAL HERITAGE  
MANAGEMENT IN TÜRKİYE: THE CASE OF ÇEKÜL FOUNDATION**  
*Simge ÜNLÜ, Erdal BİLİCİ*  
*Lütfiye YAŞAR*  
549

**PART 6**  
**CHALLENGES IN ECONOMY, BUSINESS AND FINANCE**

---

- CHAPTER 33 -

**THE GEOECONOMICS OF TÜRKİYE:  
A SAFE HAVEN IN THE TIMES OF NEW WORLD DISORDER**

*Yusuf DİNÇ*  
567

- CHAPTER 34 -

**GUIDELINE FOR CORPORATE DIGITAL RESPONSIBILITY (CDR)  
IN GLOBAL ENVIRONMENT**

*Halit KESKİN*  
*Emel ESEN*  
587

- CHAPTER 35 -

**CAN GLOBAL VALUE CHAIN PARTICIPATION MITIGATE CONFLICT BETWEEN  
NATIONS IN THE GLOBAL TRANSFORMATION AGE?**

*Halit YANIKKAYA*  
*Pınar TAT*  
601

- CHAPTER 36 -

**ISLAMIC FINANCE IN TÜRKİYE:  
A DYNAMIC RESPONSE TO GLOBAL ECONOMIC CHALLENGES**

*Mehmet BULUT*  
*Cem KORKUT*  
619

- INDEX -

641

## FOREWORD

### Global Transformations, Science Diplomacy, and Türkiye

The Turkish Academy of Sciences (TÜBA) is an autonomous organization dedicated to advancing and promoting scientific research in Türkiye. Its origins trace back to the Ottoman Society of Scholars, established in 1851. TÜBA covers a broad spectrum of scientific fields, which are organized into three groups: Basic and Engineering Sciences, Health and Life Sciences, and Social Sciences and Humanities. The Academy is committed to the advancement of scientific research and provides various resources and support mechanisms to this end, including the organization of working groups, provision of grants and awards, facilitation of scientific reports, and collaboration with sister academies worldwide.

At the 2023 meeting of TÜBA's International Relations Working Group, despite the lack of clarity regarding the thematic titles of Science-20 (S20), a decision was made to prepare and publish a book in 2024 titled "Global Transformations and Türkiye." The theme for the S20 conferences, scheduled to take place in Brazil in early 2024, was selected as "Science for Global Transformation." Accordingly, the title of our book and the S20 agenda were aligned with this theme, focusing on global transformations.

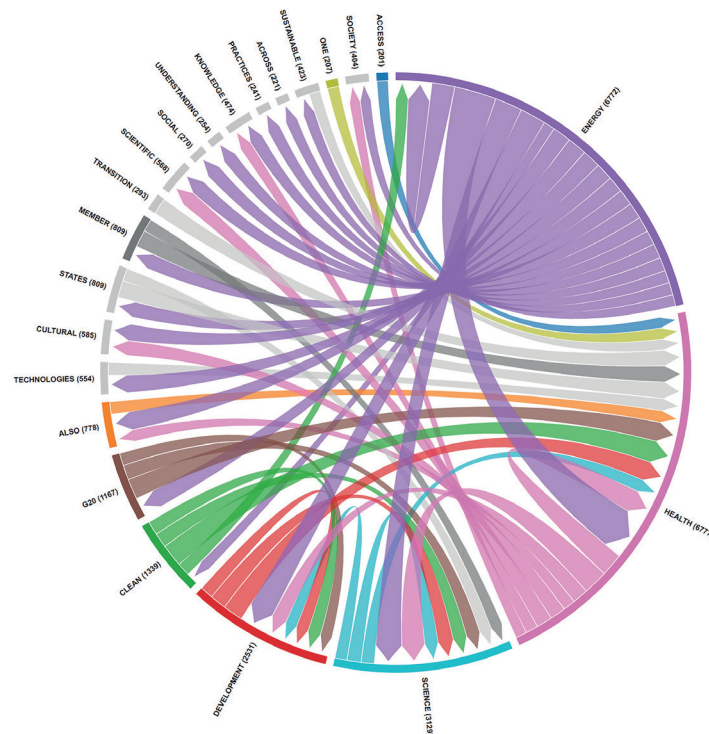
The accelerated shifts in the global economic, social, and environmental landscapes underscore the need for collective solutions through intergovernmental collaboration in politics and science. In this context, the statements issued by the G20 Science Academies (S20) play a pivotal role in providing scientifically informed solutions to the world's most pressing issues. These statements, prepared annually in parallel with the G20 summit, address a range of topics, including climate change, healthcare, digital transformation, and sustainable development, emphasizing the significance and urgency of global challenges.

A book published by TÜBA, entitled "G8 - G20 Joint Statements from Science Academies to World Leaders," elucidates the evolution of the G20's focus. Originally centered on macroeconomic issues, the G20 has expanded its agenda to include a broader range of subjects such as trade, sustainable development, health, agriculture, energy, the environment, climate change, and anti-corruption.

To gain further insights from text mining of the S20 statements, a visual analysis reveals that the frequency of word pairs emphasizes critical issues such as energy, health, climate change, and sustainability. The frequent co-occurrence of "energy" and "health" highlights the intersection between these fields, underscoring topics like the impact of energy on health, energy efficiency in healthcare, and the potential benefits of innovative energy solutions for health. Additionally, the relationship between "energy" and "climate" reflects the connection between energy management and climate change, as well as the interactions between these two areas (Figure 1).

The frequent pairing of "climate" and "sustainability" serves to highlight the critical interconnection between climate change and sustainability. This indicates that sustainable energy solutions, the reduction of environmental impacts, and the attainment of carbon neutrality are significant areas of focus. Furthermore, the interconnection between "climate" and "development" underscores the necessity of investigating the impact of climate change on economic and social advancement. The relationship between "development" and "health" underscores the impact of health advancements on social and economic progress. Innovations in healthcare and the strengthening of health systems are closely related to development and growth goals. Similarly, the conjunction of "health" and "social" highlights the significance of health policies and services in their social ramifications and the necessity to diminish social inequalities. The frequent pairing of "social" and "sustainability" indicates the necessity for the integration of social sustainability with environmental sustainability, as well as the societal impacts of studies in these areas. Finally, the intimate connection between "climate" and "technology" highlights the part played by technology and innovation in combating climate change and their prospective contributions.

**Figure 1**  
Chord Diagram of Concept between G20 Science Academies Statements

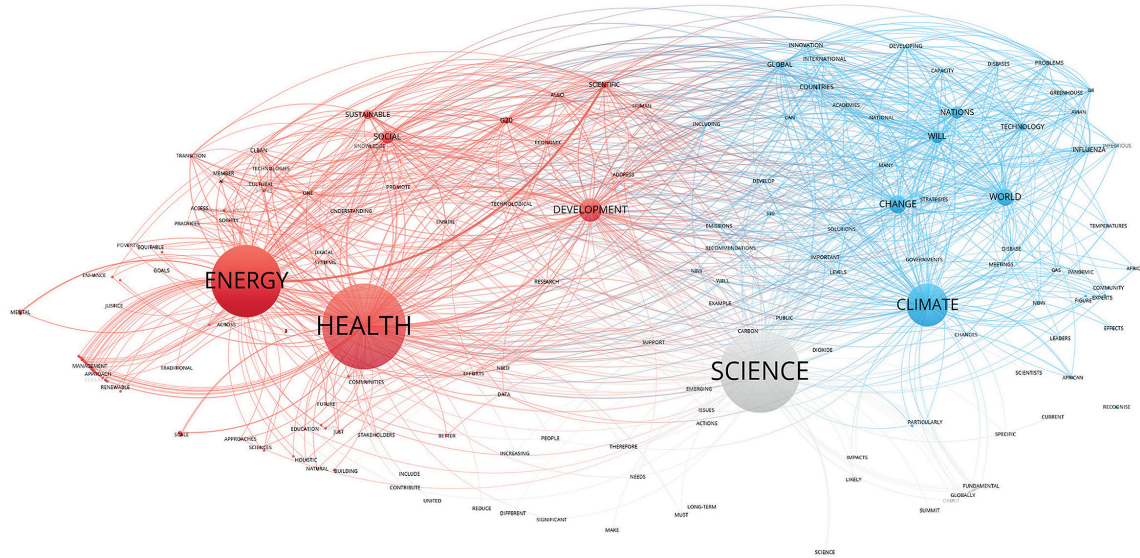


When considered within the context of the aforementioned issues, it becomes evident that the S20 statements concentrate on pivotal matters such as energy, health, climate change, sustainability, and social development. These statements are supported by a vast array of research endeavors aimed at developing innovative solutions and policies in these domains. These central themes play a pivotal role in the pursuit of efficacious and sustainable solutions at both the environmental and societal levels. The S20 statements are designed to integrate scientific research into policy-making processes as a collective effort of the G20 countries' science academies. Each statement is published to coincide with a specific year's G20 summit, focusing on that year's thematic priorities. The statements provide policymakers and other international stakeholders with concrete action recommendations based on scientific findings, thereby guiding decision-making processes. Climate change is a prominent topic in the S20 statements, which present scientific evidence to mitigate the impacts of climate change and develop adaptation strategies. Proposals such as reducing carbon emissions, promoting renewable energy sources, and encouraging sustainable agricultural practices represent the primary focal points of these statements, making these recommendations vital for overcoming current challenges and ensuring a more sustainable future for generations to come. With regard to healthcare, the S20 statements focus on building resilience against global health threats, strengthening health systems, and increasing access to healthcare.

In recent years, there has been a notable increase in the emphasis placed on scientific recommendations for the prevention and management of pandemics. This has been accompanied by a particular focus on the digitization of healthcare and the integration of innovative technologies. The S20 statements place a significant emphasis on digital transformation, delineating the potential of digital technologies to drive social and economic change. The statements present specific strategies for leveraging digitalization to achieve sustainable development goals, including the reinforcement of digital infrastructure, the advancement of digital literacy, and the assurance of data security. The effective management of digital transformation is expected to stimulate economic growth while promoting social equality and justice. Furthermore, sustainable development represents a significant theme in the S20 statements. These statements put forth comprehensive and inclusive solutions that address the economic, social, and environmental dimensions of sustainability. They underscore the vital role of international cooperation in achieving these goals and provide concrete recommendations for enhancing such cooperation (see Figure 2).



**Figure 2**  
Co-Word Relationships between G20 Science Academies Statements



The S20 statements emphasize the imperative of integrating scientific research into policy-making processes to advance sustainable development. A common thread throughout these statements is the call for more robust interconnections between the realms of science, policy, and society. By facilitating broader access to scientific knowledge, these connections facilitate informed decision-making across all societal segments.

The integration of scientific research into the policy-making process will result in the development of more effective and sustainable solutions. The S20 statements underscore the necessity of sustained dialogue and collaboration among scientists, policymakers, and other societal stakeholders. The 2024 S20 summit, spearheaded by the Brazilian Academy of Sciences (ABC), delved into pivotal matters pertaining to artificial intelligence, biotechnology, energy transition, health, and social justice.

The G20 Science Academies (S20) statements serve as valuable documents that offer scientific solutions to global challenges, including climate change, healthcare, digital transformation, and sustainable development. These statements provide concrete recommendations based on scientific evidence. This study aims to analyze data from text mining of S20 statements to uncover the rationale and potential impacts of these recommendations. The strengthening of the links between science, policy, and society can enhance human welfare and contribute to the construction of a more sustainable future.

As a member of the Science-20 Academies, TÜBA plays a pivotal role in influencing discourse on global issues at both the domestic and international levels. The academy's approach to addressing global challenges is evident in its prioritization of areas such as global political crises and wars, artificial intelligence, bioeconomy, energy transition, health challenges, and social justice.

In the context of a rapidly evolving global landscape, characterised by shifts in geopolitical dynamics and evolving international relations, it is of paramount importance for Türkiye to prioritise science-driven and solution-oriented initiatives. The effective navigation of these transitions requires the judicious application of scientific expertise. Central to TÜBA's mission is the principle of social justice, which is committed to fostering fairness and equity, ensuring equitable resource distribution, and prioritizing environmental stewardship for the well-being of future generations. In addition to advocacy, TÜBA actively promotes dialogue and collaboration to support inclusive socio-economic development.



This book provides a platform for scholarly discourse and interdisciplinary collaboration, with the aim of guiding us towards a more sustainable and equitable future through rigorous deliberation and exchange of insights. In the midst of our scholarly endeavors, it is also important to acknowledge the grave humanitarian crises unfolding in various parts of the world. Recent wars, such as the Israeli occupation of Gaza and the Russian occupation of Ukraine, underscore the need to promote peace and stability through diplomatic efforts. At the onset of the war in Ukraine, TÜBA's International Relations Working Group promptly issued a statement and published a scientific report on the conflict. The group also addressed the tragic events of genocide in Palestine, particularly condemning the Israeli government's severe violations of international law and human rights through its occupation and aggression. These statements and ongoing reports have drawn significant international attention and concern. As objective scholars, we condemn acts of aggression and advocate for peaceful solutions through dialogue and diplomacy.

The book, which consists of thirty five chapters, is expected to provide valuable scholarly insights and contribute to the advancement of knowledge in our respective fields in the context of global issues. I would like to express my gratitude to the TÜBA International Relations Working Group for preparing this work. I would also like to thank all the authors for their contributions.

**Prof. Dr. Muzaffer ŞEKER**  
**Turkish Academy of Sciences (TÜBA), President**

## PREFACE

The theme of this book is Global Transformations and Türkiye focusing upon the recent significant changes the world has undergone and their impacts upon Türkiye. Global transformations may be traced back to the beginning of significant intercontinental exchanges from the end of the first millennium onwards. Yet the developments and interactions that occurred in the last five hundred years have been incomparable to the earlier periods and they have been further precipitated in the last couple of decades. With the new inventions and increased speed in transportation and telecommunication technology, the world indeed has become a “global village” leading to the change in the nature of international relations both in theory and practice. There are now new concepts and issues, which were not in the agenda of both scholars and the public two or three decades ago, such as virtual space, digital communication, artificial intelligence, human security and cyber security, unconventional channels of diplomacy, sustainability, etc., to name but a few. On the other hand, the traditional-conventional concepts and issues are still there and keeping their pressure on international relations such as war, increased destructive capacity of states and non-state actors, migration, energy security, etc., again to name but a few. Located at the crossroads of the continents, Türkiye has always been under the impact of global transformations and recently she aspires to be an agent of those transformations. We are no doubt faced with both the positive and negative effects of these developments.

The book aims to provide a comprehensive platform catering to scholars, policy-makers, and the general public. It will serve as a forum for engaging discussions across a spectrum of practices and viewpoints. Among the themes to be explored are global transformations throughout history, contemporary shifts, and the diverse paradigms within International Relations. Topics encompass security and cyber security, energy security, supply chain integrity, human security, migration and refugee issues, as well as emerging channels of diplomacy and science diplomacy. Additionally, the book will delve into the roles of non-state actors such as NGOs and multinational corporations, while addressing cultural, civilizational, and identity dynamics. Discussions will extend to various polities and units including states, empires, governance bodies, nations, and ethnic and religious groups. Furthermore, there will be deliberation on the feasibility of establishing a “just” international order and strategies for sustainability.

We earnestly hope that this work proves to be both fruitful and enriching for all involved. I hope it will serve as a platform for insightful discussions, meaningful exchanges, and the cultivation of new ideas and perspectives. I extend my sincerest appreciation to each of the authors for their invaluable contribution.

**Prof. Dr. A. Nuri YURDUSEV**  
**Chair of TÜBA Working Group on International Relations**

# **TÜBA**

## **International Relations Working Group**

**Prof. Dr. A. Nuri YURDUSEV**

*TÜBA Full Member | Middle East Technical University  
(Executive of TUBA International Relations Working Group)*

**Prof. Dr. Pınar BİLGİN**

*TÜBA Full Member | Bilkent University*

**Prof. Dr. Ayşegül KOMSUOĞLU**

*TÜBA Full Member | Nişantaşı University*

**Prof. Dr. Çağrı ERHAN**

*Altınbaş University*

**Prof. Dr. Birol AKGÜN**

*Ankara Yıldırım Beyazıt University*

**Prof. Dr. Deniz Ülke ARİBOĞAN**

*Üsküdar University*

**Prof. Dr. Muhittin ATAMAN**

*Social Sciences University of Ankara*

**Prof. Dr. Mehmet Akif KİREÇCİ**

*Social Sciences University of Ankara*

**Prof. Dr. Ali BALCI**

*TÜBA Associate Member | Sakarya University*

**Prof. Dr. Şener AKTÜRK**

*TÜBA Associate Member | Koç University*

**Assoc. Prof. Dr. Eliza GHEORGHE**

*TÜBA Young Academy | Bilkent University*

**Asst. Prof. Dr. Mürsel DOĞRUL**

*Turkish National Defense University*

# INDEX

## Symbols

9/11 terrorist attacks 291, 367  
21<sup>st</sup> age 368  
(de)humanization 413, 422

## A

Accessibility of Resources 356, 461  
Accountable AI 475, 479, 483  
Adriatic 170, 448  
Afghanistan War 605  
African Mission 317  
African Union 307, 318  
Age of Crises 367  
Age of Depression 264  
Aggressive 45, 149, 168, 170, 495, 537  
AI Applications 474, 477, 478, 479, 480, 482, 483  
AI Ethics 474, 475, 477, 478, 479, 482, 483, 591  
AI Systems 475, 476, 477, 478, 479, 480, 483  
Alienation 399  
Alternative Financial Systems 625  
Alternative International Systems 144, 145, 149  
Andalusia 26, 28  
Ankara's Grand Strategy 187  
Annexation of Crimea 182, 228, 367  
Arab Spring 144, 148, 411, 605  
Arab Uprising 298, 411  
Arctic Council 464, 470  
Arctic Maritime Routes 460, 461, 464, 466  
Artificial Intelligence 11, 13, 19, 359, 474, 475, 476, 477, 478, 480, 481, 484, 485, 486, 488, 489, 493, 494, 495, 496, 498, 591, 592, 597, 630  
ASEAN 88, 204, 233, 443, 454, 576  
Assimilation Policies 431  
Atomic Weapons 121, 122, 124, 125, 129  
Atrocity Crimes 107  
Authoritarianism 20, 41, 53, 60, 64, 180, 181, 190  
Authoritarian Outcomes 55  
Axis of Conflict 166

## B

Bab al Mandab 545, 546  
Balance of Interest Theory 156, 158, 160, 161, 162, 173  
Balance of Power 57, 86, 123, 137, 141, 143, 159, 161, 166, 168, 172, 183, 187, 189, 291, 307, 310, 413, 495, 576  
Balkans 56, 58, 61, 98, 100, 101, 102, 103, 104, 105, 106, 108, 111, 112, 133, 166, 167, 170, 171, 172, 242, 289, 297, 317, 319, 321, 388, 411, 413, 414, 415, 418, 419, 541, 582, 583  
Ballistic Missiles 205  
Baltic Sea 229, 543  
Bandwagon 160  
Beijing AI Principles 476  
Belt and Road Initiative 89, 140, 146, 149, 296, 583

Berlin Crisis 128, 136  
Bilateralism 105, 120, 126, 132, 202  
Bipolar 88, 131, 157, 290  
Bismarck 166, 171, 172, 173  
Black Feminists 36  
Blockchain 212, 221, 485, 591, 630  
Boko Haram 28  
Bolivarian Ideology 232  
Bonn Conventions 124  
Borsa Istanbul 634  
Bretton Woods System 143

## C

Capabilities Approach 273, 274, 282  
Capitalism 38, 41, 45, 48, 54, 56, 58, 426, 481, 575, 576, 618  
Carbon Emissions 10, 483, 554  
Caucasus 188, 295, 297, 317, 388  
Central Bank 233, 635  
Century of Türkiye 290, 299  
Chat GPT 4 496  
Chechen War 228  
China's Corridor 575  
Chinese Dream 89  
City of God 24, 30  
Civilian-Military Relations 357  
Civilization 25, 48, 77, 79, 264, 558, 641  
Civil Society 43, 53, 54, 55, 57, 58, 60, 62, 227, 233, 236, 303, 358, 531  
Classical Diplomacy 368  
Classical Realism 160  
Climate Change 9, 10, 11, 205, 277, 288, 289, 430, 461, 462, 463, 464, 466, 469, 470, 474, 475, 477, 479, 482, 483, 484, 485, 561, 562  
Colonialism 22, 24, 35, 39, 40, 44, 45, 46, 82, 141, 142, 449, 481, 484, 576  
Conflict Mediation 204  
Conflict Resolution 52, 53, 54, 57, 58, 69, 146, 186, 268, 315, 336, 346, 349, 492, 494, 495, 496, 497  
Congress of Vienna 56, 141, 142  
Constitutionalism 22  
Constructivism 20, 22, 98, 110, 111, 115  
Copenhagen School 227, 281  
Corporate Digital Responsibility 590, 591, 592, 595, 598, 600  
Cosmopolitanism 27, 28  
Council of Europe 101, 106, 108, 109, 111, 114  
Counter-Guerrilla 273  
COVID-19 Pandemic 86, 91, 94, 288, 289, 442, 446, 449, 450, 525  
Critical Human Security 271, 272, 273, 274, 275  
Critical IR Approach 35  
Cutting-Edge Technology 214, 496  
Cyber-Attacks 227, 229, 233, 360, 502

Cyber International Law 502

Cybersecurity 233, 234, 235, 361, 502, 503, 504, 507, 508, 509, 513, 516, 517, 518

Cyberspace 229, 238, 502, 504, 505, 510, 512, 513, 514, 516

Cyber Terrorism 463

## D

Data-Driven Decision-Making 482

Decolonizing Theory 37

de Facto Regimes 536

Degeneration 388, 389

Deglobalization 575

Demobilization 312, 313

Dependency 140, 145, 208, 419, 462, 580

Desecuritization 274

Deterrence 87, 121, 123, 133, 138, 140, 149, 183, 188, 189, 260, 489, 490, 491, 495, 534, 537, 538, 541

Dichotomy 70, 278, 358

Digital Age 522, 593, 594, 595, 600

Digital Diplomacy 370, 492, 493, 494

Digital Peace Initiatives 496, 497

Digital Transformation 9, 10, 11, 213, 591, 592, 593, 594, 597, 599, 601, 630, 638

Diplomatic Transformation 367, 368, 369

Disarmament 196, 271, 312, 313

## E

East Asia 28, 58, 61, 168, 169, 170, 174, 217, 219, 300, 608

East Europe 128, 130

Economic Diplomacy 366, 367, 368, 380

Economic Globalization 45, 88

Economic Migration 403

Economic Security 186, 227

Economic Transformations 367, 368, 378, 624, 628, 630

Energy Interdependence 461

Energy Supply 461, 462, 463

English School 18, 20, 306, 307, 309, 319, 330

Environmental Security 227, 276

Environmental Sustainability 9, 474, 475, 478, 482, 483

Epistemic Community 419, 421, 426

Epistemic Violence 44

Essentialization 36, 413, 422

Eurasia 143, 457

Euro-Atlantic 59, 103, 104, 106, 182

Eurocentric 25, 39, 40, 54, 55, 146, 275

European Cultural Convention 106

European Diplomacy 172

European Enlightenment 28

European Status Quo 173

Existentialist Framework 258

Expansionism 140, 141, 168, 171, 173

## F

Fertilization 388

First World War 173, 244, 245, 246, 247, 253, 254

Foreign Investments 636, 637

Foreign Policy 44, 47, 92, 100, 111, 115, 142, 143, 146, 148, 149, 158, 159, 160, 163, 164, 168, 170, 171, 172, 177, 182, 185, 186, 187, 192, 194, 204, 205, 218, 219, 223, 226, 232, 236, 242, 258, 259, 260, 262, 263, 264, 265, 267, 278, 289, 290, 293, 294, 296, 297, 298, 299, 300, 303, 306, 314, 316, 317, 318, 319, 332, 333, 334, 335, 336, 337, 338, 339, 340, 342, 343, 344, 345, 346, 347, 348, 349, 360, 366, 368, 370, 380, 381, 424, 448, 492, 575, 586

Foreign Policy Alignment 332, 333, 340, 342, 344, 345, 346

French Revolution 141, 142

## G

G7 369, 477, 484

G20 9, 10, 11, 88, 204, 218, 367, 368, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 485

Game Theory 356, 357

GATT 604, 606, 607, 610, 611, 612, 613, 615, 616, 617

GDP 189, 190, 203, 204, 205, 221, 232, 341, 342, 343, 344, 348, 367, 370, 371, 372, 373, 374, 375, 377, 463, 545, 577, 584

Geoeconomics 219, 470, 572, 573, 574, 575, 576, 580, 585, 586, 588

Global Energy Hub 585

Global Financial Crisis 377, 623

Globalism 527, 528

Global Order 60, 86, 87, 88, 94, 140, 143, 144, 145, 148, 149, 181, 288, 289, 294, 298, 573

Grand National Assembly of Türkiye 315, 326

Grand Strategy 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 152, 180, 181, 182, 183, 184, 185, 186, 187, 188, 191, 192, 193, 194, 195

Gulf Cooperation Council 232, 293

Gulf Shield Force 232

Gulf War 389, 391, 546, 605

## H

Hamas-Israel war 182

Hard Power 187, 190, 262, 263, 545

Heterogeneity 37, 604, 605, 606, 610, 617

High-Tech Products 212

H-index 206, 207

Homogenous society 388

Hormuz 546

Humanitarian Diplomacy 204

Human Security 13, 54, 143, 227, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 311, 445

Human Trafficking 389

Hybrid Conflict 228

Hybrid Peace 52

Hybrid Warfare 226, 227, 228, 229, 230, 231, 232, 239, 496

## I

Immigrant Education 397, 430  
India-Pakistan Relations 491  
Indo-Pacific 205, 217, 220  
Information and Communication Technologies 593  
Interdependence 78, 147, 149, 205, 262, 461, 604, 605, 606, 611, 617, 618  
International Cooperation 10, 186, 187, 346, 387, 438, 446, 474, 475, 477, 483  
International Energy Agency 462, 468  
International Law 12, 19, 22, 23, 68, 69, 70, 71, 72, 73, 74, 75, 78, 80, 102, 105, 107, 108, 109, 143, 144, 164, 296, 307, 314, 388, 427  
International Monetary Fund 88, 89, 93, 189, 639  
International Order 13, 20, 22, 23, 26, 27, 28, 48, 52, 55, 56, 58, 59, 60, 62, 63, 68, 69, 75, 78, 86, 87, 88, 89, 90, 91, 92, 93, 98, 99, 112, 141, 142, 143, 144, 149, 180, 184, 204, 217, 232, 261, 265, 277, 280, 289, 291, 292, 293, 298  
International Political Economy 34, 35, 45, 48, 59, 381, 641  
International Relations 11, 13, 19, 20, 22, 23, 31, 38, 46, 47, 48, 49, 53, 54, 60, 69, 70, 71, 80, 87, 88, 89, 91, 96, 99, 133, 134, 146, 149, 151, 157, 158, 163, 182, 184, 185, 187, 192, 194, 196, 205, 218, 221, 223, 236, 242, 258, 259, 260, 265, 267, 268, 282, 285, 330, 334, 349, 352, 353, 356, 360, 361, 366, 368, 380, 381, 442, 445, 448, 457, 470, 474, 475, 477, 482, 483, 492, 536, 539, 541, 572  
International Responsibility 390  
International Security 62, 63, 68, 79, 138, 177, 223, 227, 274, 317, 330, 333, 336, 346, 349, 536  
International Society 18, 19, 74, 87, 307, 309, 310, 311, 312, 314, 316, 317, 318, 319, 321, 322  
International System 20, 22, 53, 59, 69, 71, 78, 87, 88, 90, 91, 92, 94, 95, 142, 143, 144, 146, 148, 149, 152, 156, 158, 160, 162, 163, 164, 165, 166, 167, 182, 184, 185, 186, 187, 188, 191, 192, 259, 264, 265, 288, 289, 290, 291, 292, 293, 294, 296, 297, 298, 300, 462, 536  
Internet of Things 591, 592  
Iranian Revolution 388, 391  
Iraq war 148, 535, 543  
Irredentist 104, 105, 147, 171, 172, 173  
Irregular Migration 99, 281, 289, 387, 389, 390, 422, 423  
Islamic Finance 573, 583, 584, 585, 588, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640  
Istanbul Finance Center 583

## J

Japanese Empire 156, 164, 168

## K

Kantian Understanding 112  
Kashmir 78, 81, 82, 490, 491, 492, 496, 498  
Kingdom of Italy 156, 164, 170, 171  
Kin-State 98, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114  
Kyoto Protocol 554

## L

Law of Settlement 388  
Law of the Sea 22  
League of Nations 105, 143  
Levant 166, 535, 635  
Level of Analysis 163, 183  
Leviathan 59, 81  
Liberal International Order 55, 68, 81  
Liberal Peacebuilding 53, 55, 58, 60, 61, 63, 283

## M

Marxist Theories 39  
Mediterranean 24, 25, 27, 28, 41, 47, 126, 148, 165, 166, 171, 172, 173, 196, 217, 282, 283, 284, 297, 303, 347, 413, 424, 546, 577, 579, 580, 583  
Meiji Restoration 168  
Memorandum 230, 583  
Middle Corridor 297, 582, 583  
Middle East 38, 53, 54, 56, 57, 62, 72, 90, 148, 151, 165, 177, 188, 196, 213, 214, 217, 223, 227, 262, 263, 290, 293, 294, 295, 297, 298, 300, 303, 306, 310, 317, 319, 333, 336, 338, 340, 348, 387, 394, 397, 411, 425, 427, 535, 536, 538, 541, 543, 545, 575, 582, 586, 608, 609, 620, 624, 626, 635  
Middle Power 156, 158, 163, 164, 165, 166, 173, 180, 181, 182, 183, 184, 185, 186, 187, 190, 191, 192, 193, 194, 199, 204, 205, 215, 216, 217, 218, 220, 221, 236, 380, 442, 452  
Militaryization 43, 77, 240, 420, 422  
Minsk Agreements 53  
Modernization 129, 140, 148, 168  
Modern State 18, 70, 72, 76, 164, 168, 276  
Multiculturalism 103, 434, 435  
Multipolar 52, 53, 59, 60, 88, 89, 94, 151, 157, 180, 181, 187, 232, 259, 261, 289, 290, 291, 302  
Multipolarity 59, 60, 290  
Multipolar System 180, 289

## N

Nabucco Pipeline Project 580  
Nanotechnology 214  
Napoleonic Wars 143  
National Development Plan 388  
Nation State 101, 586  
NATO 23, 91, 105, 120, 121, 123, 124, 125, 126, 127, 128, 129, 131, 132, 133, 134, 135, 136, 137, 140, 142, 144, 147, 148, 149, 152, 157, 176, 182, 188, 189, 190, 196, 232, 233, 237, 262, 263, 292, 293, 295, 301, 307, 316, 317, 347, 358, 367, 461, 462, 466, 467, 468, 536, 539, 541, 543, 544, 578  
Neo-Gramscian 39  
Neo-Ottomanist 262  
Neorealism 160  
New Cold War 157, 193, 194  
New World Order 86  
Non-State Actors 534, 535, 536, 537, 538, 539, 540, 541, 542, 547



Non-West 38, 39, 43, 44, 77

North Africa 27, 166, 170, 171, 172, 295, 297, 340, 394, 535

Northeast Asia 169

Nuclear Deterrence 123, 133, 138, 489, 490, 534, 537

Nuclear Force 127, 130, 131

Nuclear Proliferation 133–138, 138, 291–303, 491

## O

Occidentalism 20

OECD 189, 204, 371, 397, 398, 406, 431, 434, 438, 465, 468, 477, 485, 584

OPEC Oil Crisis 461, 462

Organization of Islamic Cooperation 148, 149, 204, 232, 337

Oriental Despotism 41

Oslo Process 53

## P

Pacta Sunt Servanda 107

Panama Canal 460, 461, 463, 464, 468

Paradigm Shift 141, 146, 149, 200, 481, 534

Pax Britannica 167

Peacekeeping 53, 55, 56, 57, 58, 60, 61, 62, 187, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 321, 322, 325, 326, 328, 329, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 495

Peace Process 53, 54, 55, 56, 60

Populism 262, 267, 367

Post-Cold War 52, 53, 88, 103, 105, 106, 111, 144, 204, 288, 289, 292, 309, 310, 348, 463, 540

Postcolonial Feminism 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 48

Post-Modern 414, 418, 423, 425

Poststructuralism 39, 40

Post truth 481, 537, 544

Power Redistribution 502, 510

Propaganda 227, 228, 231, 254, 493, 494, 496, 538

Pro-Russian 262

Proxy war 535

## R

Radicalism 259

Rapprochement 167, 291, 293

Red Army 129, 130, 542, 543

Red Cross 25, 244, 246, 247, 248, 249, 250, 252, 326, 536, 547

Red Sea 293, 294, 464, 538, 545, 546, 582, 583

Regional Power 55, 148, 262, 298, 336, 338, 345, 573

Renaissance 522

Republic of Türkiye 100, 152, 213, 215, 233, 264, 266, 267, 297, 301, 314, 315, 325, 326, 349, 366, 370, 392, 586, 623, 625, 626, 633, 640

Revisionism 140, 141, 142, 143, 144, 146, 147, 148, 149, 151, 156, 162, 164, 165, 167, 168, 169, 170, 171, 172

Risk management 76, 628, 631, 632

Russia-Ukraine war 89, 148, 157, 190, 296, 298

## S

Science diplomacy 13, 442, 445, 446, 447, 448, 450, 452, 453

Second World War 88, 289, 398, 573

Securitisation 104, 262

Security Council 64, 70, 73, 74, 83, 89, 90, 91, 92, 93, 95, 107, 135, 142, 144, 149, 150, 190, 193, 212, 300, 306, 307, 325, 327, 328, 367, 536, 576

Self-Defence 78

Semiconductor 198, 199, 200, 201, 202, 203, 205, 206, 208, 209, 210, 211, 213, 214, 215, 216, 217, 218, 219, 220, 221

Shanghai Cooperation Organization 146, 263

Sharia Law 625, 634

Shuttle Diplomacy 490

Sino-Japanese 168, 169, 170, 174

Social Change 422

Social Constructivism 98, 110, 115

Social Media 361, 368, 492, 493, 494, 495, 496, 499, 521, 522, 523, 524, 525, 526, 527, 528, 529, 534, 544, 545, 554

Social Movements 53, 58

Soft Power 86, 186, 187, 190, 191, 192, 236, 262, 263, 298, 493, 525

South Korea 181, 184, 185, 194, 198, 199, 200, 202, 203, 204, 205, 206, 208, 210, 211, 212, 215, 216, 217, 218, 219, 220, 222, 300, 373, 438, 574, 580

South-South Cooperation 447

Spillover Effect 146, 149

Stakeholders 483, 502

State Violence 71, 72, 78, 79

Suez Canal 165, 166, 460, 461, 463, 464, 545, 546, 575, 581, 582, 583, 585

Sustainability 9, 10, 13, 55, 58, 59, 60, 89, 461, 462, 464, 474, 475, 478, 482, 483, 553, 561, 562, 564, 565, 566, 579, 591, 592, 593, 597, 601, 622, 633, 634, 636, 637, 638, 639

Syrian Civil War 386, 387, 391, 427, 605

## T

Technology 9, 13, 19, 45, 86, 199, 200, 201, 202, 203, 206, 209, 212, 213, 214, 215, 216, 218, 219, 221, 222, 223, 228, 245, 352, 374, 443, 447, 448, 451, 453, 466, 475, 476, 478, 480, 481, 482, 486, 488, 492, 494, 495, 496, 521, 523, 526, 527, 543, 546, 575, 576, 577, 581, 584, 590, 592, 593, 595, 596, 597, 598, 599, 601, 602, 627, 628, 629, 634

The Balance of Power Theory 158

Third-World 36

Thucydides Trap 182, 193

Turkish Armed Forces 230, 314, 315, 316, 328, 578

Turkish Education 396, 397, 398, 399, 400, 405

Turkish Education Model 396, 400

Turkish Foreign Minister 259, 260

Turkish foreign policy 100, 177, 194, 195, 219, 242, 258, 259, 260, 262, 263, 265, 267, 296, 297, 298, 299, 300, 303, 314, 318, 319, 336, 338, 347, 348, 370, 586

Turkish Lira 189, 233

Turkish National Defense University 223, 306, 330,  
352, 353, 357, 358, 359, 360, 363

## U

UN 5, 53, 54, 55, 56, 57, 60, 61, 62, 63, 64, 70, 72,  
73, 78, 83, 90, 91, 93, 95, 99, 107, 108, 113, 114, 115,  
142, 144, 149, 150, 151, 157, 181, 185, 190, 193, 194,  
241, 277, 278, 288, 291, 301, 306, 307, 308, 309, 310,  
311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321,  
322, 326, 328, 329, 331, 332, 333, 334, 335, 336, 337,  
338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348,  
367, 413, 422, 427, 468, 469, 576, 588

United Nations 22, 26, 83, 86, 88, 89, 90, 91, 93, 107,  
109, 113, 143, 148, 151, 188, 195, 271, 273, 277, 278,  
289, 292, 300, 301, 306, 307, 308, 309, 312, 318, 321,  
325, 326, 327, 328, 329, 332, 333, 347, 348, 349, 367,  
397, 439, 476, 477, 478, 490, 491, 493, 576

United Nations Sustainable Development Goals 476, 478

University 18, 22, 30, 31, 34, 47, 48, 50, 52, 61, 62,  
63, 64, 65, 68, 80, 81, 82, 83, 84, 86, 94, 95, 96, 98,  
113, 114, 115, 120, 133, 134, 135, 136, 137, 138, 140,  
151, 152, 154, 156, 174, 175, 176, 177, 193, 194, 195,  
198, 201, 202, 213, 214, 217, 223, 226, 239, 240, 241,  
242, 253, 254, 258, 268, 270, 281, 282, 283, 284, 285,  
288, 303, 306, 315, 325, 326, 328, 330, 332, 347, 349,  
352, 353, 357, 358, 359, 360, 361, 363, 366, 380, 381,  
386, 392, 394, 396, 405, 406, 407, 408, 415, 417, 420,  
424, 425, 426, 427, 428, 430, 437, 440, 452, 453, 457,  
460, 470, 474, 486, 488, 498, 500, 521, 531, 539, 542,  
548, 549, 552, 568, 572, 588, 590, 599, 600, 602, 604,  
618, 620, 622, 639, 641

UN Security Council 64, 73, 91, 107, 142, 149, 150,  
190, 193, 307, 367, 576

UN system 107, 157, 288

## V

Vaccine diplomacy 447

## W

War and Peace 63, 77, 227, 228

War Game 352, 353, 355, 356, 357, 358, 359

War on Terror 55, 78, 490, 535, 538, 540, 541

Warsaw Pact 120, 121, 123, 127, 128, 129, 130, 131,  
132, 133, 135, 142

Weinberger Doctrine 541

Western Alliance 132, 157, 293

Western Allies 124, 216, 295, 296

Western Bloc 123

Western Hegemony 23, 38, 140, 149

Western Power 54

Westphalia 86, 141, 541

Westphalia System 141

World Bank 204, 205, 221, 341, 348, 371, 418, 422,  
424, 583, 605, 619

World Health Organization 446, 447

World Trade Organization 88, 203, 380, 605, 619

## X

Xenophobia 288, 433

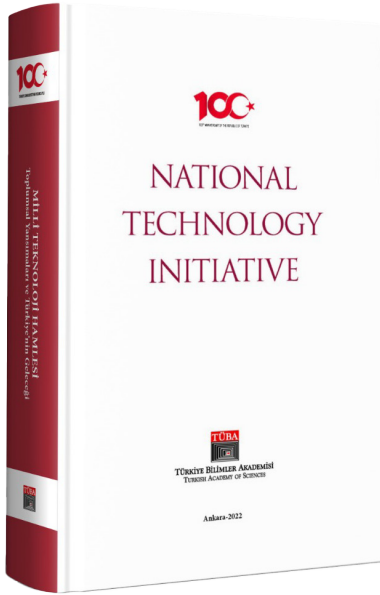
## Y

Yugoslav Wars 605

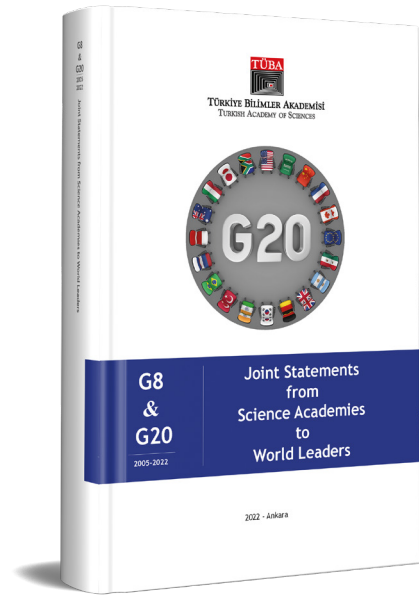
## Z

Zero Problems 263, 336

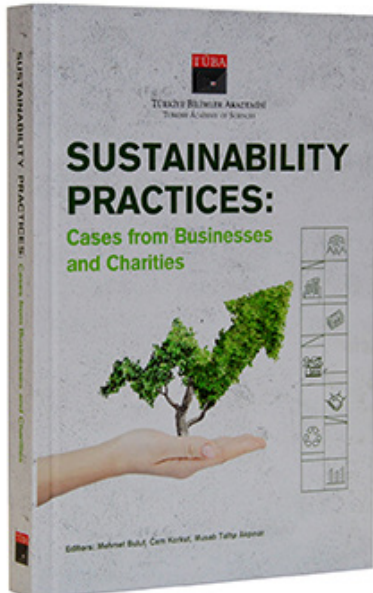




Please scan the code to read



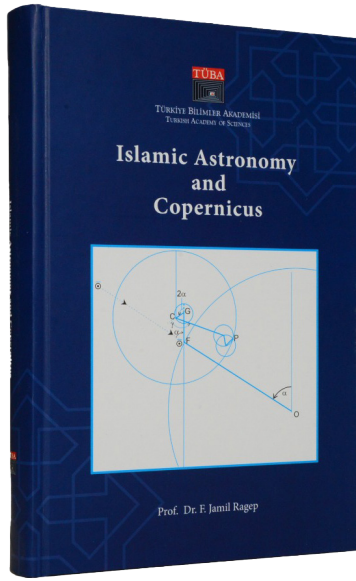
Please scan the code to read



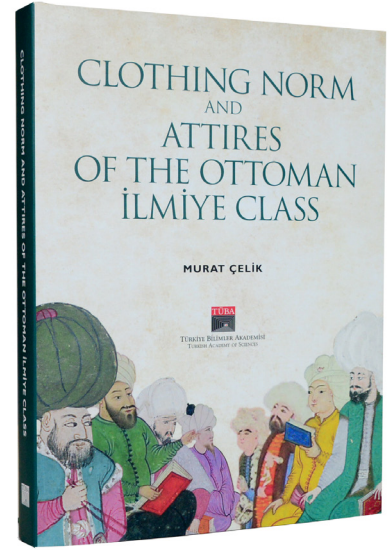
Please scan the code to read



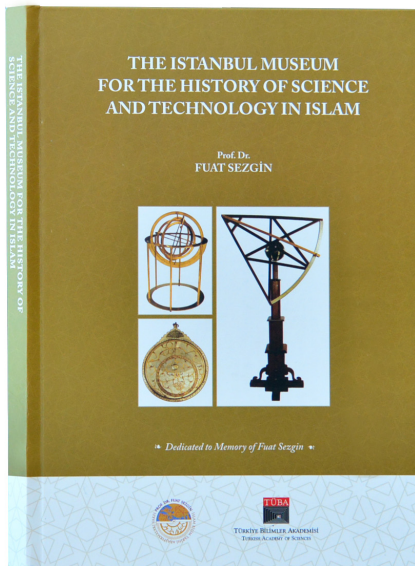
Please scan the code to read



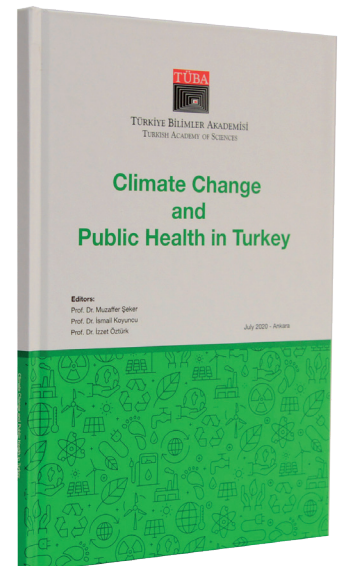
Please scan the code to read



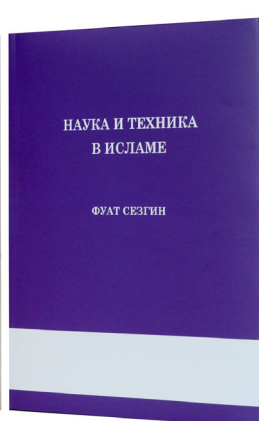
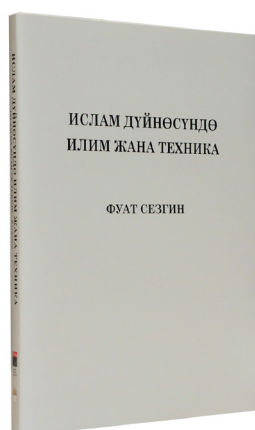
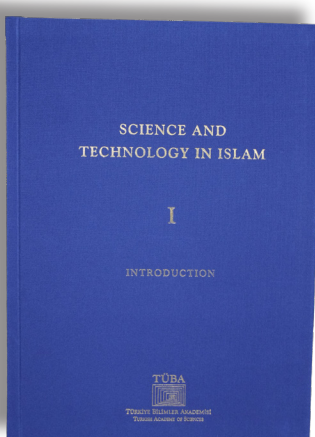
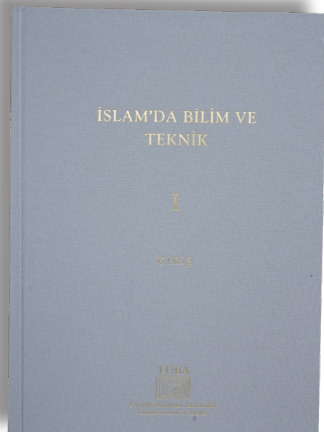
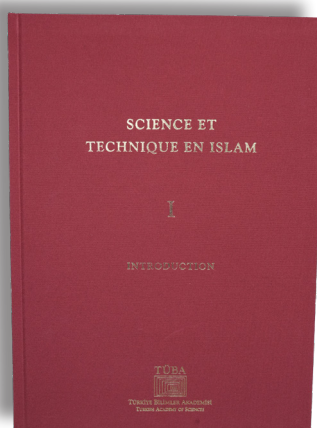
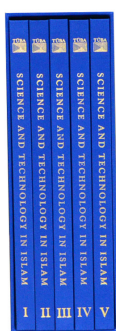
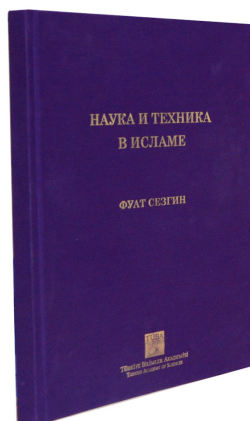
Please scan the code to read



Please scan the code to read



Please scan the code to read



Please scan the code to read



