

Contents

The Message of the Romanian Academy on the occasion of the National Day, a century from the Great Union	21
Foreword	23
<i>Professor Constantin Anghelache PhD</i>	
Romania in the Centenary of the Great Union. General data.....	25

PART I

ROMANIA HOME AND IN THE WORLD 27

Chapter 1

The past of Romanians – steps towards modernity	29
<i>Acad. Ioan-Aurel POP</i>	
1.1. Seal of Rome	29
1.2. Latin Christianity and the Byzantine-Slavic Church.....	31
1.3. From village to state	33
1.4. Defense of the European "Christian Republic"	33
1.5. The Consciousness of Romanity in the Middle Ages	35
1.6. The chroniclers, Constantin Cantacuzino the High Steward and Dimitrie Cantemir – the return to origins	37
1.7 The Century of Light or "Through Culture to Liberty!"	39
1.7.1. Confessional plan: through church to nation	39
1.7.2. Political Plan: Recognizing the Nation and Restoring Dacia.....	40
1.7.3. Cultural Plan: The Transylvanian School.....	42
1.7.4. Social plan: the peasants or the people.....	43
1.8. Setting up the national state.....	46
1.8.1 The Union of 1859	47
1.8.2. The reign of Alexander the First (1859-1866)	49
1.8.3. The reign of Carol I (1866-1914): the constitution, the recognition of absolute independence, the union of Dobrogea with Romania and the transformation of Romania into a kingdom.....	51
1.8.4. From independence to "the great union" (1878-1918).....	55
1.8.4.1. Bessarabia	55
1.8.4.2. Transylvania and Bucovina	55
1.8.5. First World War (1914-1918)	58
1.8.6. The great union	61
1.9. The Interwar Romania.....	63

1.9.1. Economy and society.....	64
1.9.2. Internal policy	64
1.9.3. External politics	66
1.10. Romania and the Second World War (1940-1945)	67
1.11. Toward communist totalitarianism (1944-1947)	69
1.12. "On the way to the construction of socialism..." (1948-1989)	71
1.13. New freedom: hopes, dreams, disappointments, certainties	75
1.14. Stages of Western European Synchronization of Romanians.....	79

Chapter 2

European Romania.....	83
------------------------------	-----------

Professor Marin DINU PhD

2.1. Cooperation and support adhesion	83
2.2. Stages of transition to adhesion	86
2.3. Convergence – objective priority need	87
2.4. Expectations and solutions.....	91

Chapter 3

December 1st, 1918: Romanians Union fruitless	95
--	-----------

Professor Dan DUNGACIU PhD

Chapter 4

The place of Romania in the European Union	103
---	------------

Professor Tudorel ANDREI PhD,

Economist Ilie DUMITRESCU

4.1. Preliminary considerations	103
4.2. Defining the place occupied by Romania in the European Union	104
4.2.1. How can this place be established?.....	106
4.2.2. How relevant and enlightening are the judgments and conclusions that emerge from the comparative data on the presumptive place of Romania?	108

Chapter 5

Romanian contributions to the development of science and culture	113
---	------------

Academician Bogdan SIMIONESCU,

Radu-Dan RUSU PhD

5.1. Introduction	113
5.2. Romanian Contributions to the Development of Science	115
5.2.1. Stefan Walter Hell	115
5.2.2. Dan-Virgil Voiculescu.....	116
5.2.3. Gheorghe Păun	117
5.2.4. Gheorghe Benga	117
5.2.5. Leon Dănăilă.....	118
5.2.6. Rada Flavia Mihalcea	118
5.2.7. Ionuț Alexandru Budișteanu.....	119
5.2.8. ELI – NP	120

5.2.9. Frontiers in Macromolecular and Supramolecular Science.....	120
5.2.10. Evolution of Romanian research.....	121
5.3. Romanian Contributions in Culture	121
5.3.1. Herta Müller	121
5.3.2. Radu Lupu	122
5.3.3. Angela Gheorghiu.....	122
5.3.4. Andrei Șerban.....	123
5.3.5. Matei Vișniec	123
5.3.6. George Enescu Festival.....	124
5.3.7. The Romanian film.....	124
5.3.8. Sibiu – European cultural capital	125
5.3.9. FILIT	125
5.3.10. Contemporary Romanian Literature.....	126
5.4. Instead of conclusions.....	126

PART II

POPULATION, GEOGRAPHICAL, TERRITORIAL AND ENVIRONMENTAL COORDINATION..... 127

Chapter 6

Population..... 129

*Professor Tudorel ANDREI PhD,
Economist Ilie DUMITRESCU,
Economist Marcela POSTELNICU*

6.1. General characteristics.....	129
6.1.1. Evolution of the population between 1866 and 2016	130
6.1.2. The ethnic structure of the population.....	133
6.2. Evolution of demographic phenomena	134
6.2.1. Natality and fertility	134
6.2.2. General mortality	137
6.2.3. Life expectancy.....	138
6.2.4. The international migration of Romania	140

Chapter 7

Geographic landmarks

Associate professor Claudia CĂPĂȚĂNĂ PhD

7.1. Geographic position	143
7.2. Romania – Carpathian-Danubian-Pontic country.....	144
7.3. Physical-geographic elements	145
7.3.1. Relief of Romania	145
7.3.2. Climatic characteristics	146
7.3.3. Hydrography	146
7.3.4. Bio-pedo-geographic elements	148

Chapter 8	
Human settlements	151
<i>Economist Marin STĂNICĂ</i>	
8.1. Short history	151
8.2. County	153
8.3. Urban area	154
8.4. Rural area	154
8.5. Development Region and Macroregion	155
Chapter 9	
Environmental landmarks	157
<i>Professor Constantin ANGHELACHE PhD,</i>	
<i>Associate professor Ana Maria POPESCU PhD</i>	
9.1. Main Aspects	157
9.2. Global quality of the environment in Romania	158
9.3. Environment protection	160
9.4. Policies for the protection of the environment	161
9.5 Transitional measures imposed in the environmental field by Romania's accession to the European Union	162
PART III	
STATUS OF RIGHTS AND CIVIL SOCIETY	167
Chapter 10	
The political-state organization of Romania from the Great Union to the present	169
<i>Professor Verginia VEDINAȘ PhD,</i>	
<i>Professor Elena Simina TĂNĂSESCU PhD</i>	
10.1. Political-state organization of Romania from the Great Union to the adoption of the 1991 Constitution	169
10.1.1. Strengthening the modern Romanian state	169
10.1.2. Fascist dictatorship	170
10.1.3. Communist dictatorship	171
10.1.4. Democratic transition	171
10.2. Political-state organization of Romania during the period 1991 – present	172
10.2.1. The characters of the Romanian state	172
10.2.2. Public authorities through which the prerogatives of the three powers in the state are achieved	172
Chapter 11	
The Parliament of Romania during the period 1918-2018	177
<i>Economist Marin STĂNICĂ,</i>	
<i>Eng. Rodica -Elena SOLOVĂSTRU</i>	
11.1. Parliament during the period 1918-1944	177

11.2. Period 1944-1947	180
11.3. Great National Assembly (1948-1989)	180
11.4. Parliament during the period 1990-2018	181
11.4.1. Provisional Power Structures (December 1989 – May 1990)	181
11.4.2. Parliament during the period 1990-2018	182

Chapter 12

Romanian Army after entering NATO and the EU	193
<i>Professor Alesandru DUȚU PhD</i>	
12.1. Army reform	193
12.2. Integration into NATO and the European Union	197
12.3. Romanian participation in external military missions	200

Chapter 13

Romanian Orthodox Church and other cults after 1918	203
<i>Priest Professor Mircea PĂCURARIU PhD, member of the Romanian Academy</i>	
13.1. The Romanian Orthodox Church and the other cults between the years 1918-1948	203
13.2. The situation of the Romanian Church under the Communist regime	205
13.3. Period after the Revolution of December 1989	207

Chapter 14

Civil society	211
<i>Professor Gheorghe SĂVOIU PhD,</i>	
<i>Associate professor Mădălina-Gabriela ANGHEL PhD</i>	
14.1. Conceptual premises and evolution of the civil society paradigm	211
14.2. The conceptual, constitutional and legal framework of Romanian civil society	214
14.3. Values, credibility, structure and dynamics in the civil society system	218

Chapter 15

Media	223
<i>Teodor BRATEȘ PhD</i>	

PART IV

ECONOMIC STATUS	231
------------------------------	-----

Chapter 16

Romania's economy in the Centenary years	233
<i>Academician Lucian-Liviu ALBU,</i>	
<i>Professor Constantin ANGHELACHE PhD,</i>	
<i>Professor Leonardo BADEA PhD</i>	
16.1. General aspects of the evolution	233
16.2. Evolution of Gross Domestic Product	236
16.3. The changing factors of the Gross Domestic Product by resource categories	239

16.4. Evolution of Gross Domestic Product by categories of uses	240
16.5. Achieving GDP by ownership forms	242
16.6. Foreign direct investment	243

Chapter 17

Romania's economy after ten years in the European Union	245
--	------------

Professor Constantin ANGHELACHE PhD,

Associate professor Mădălina Gabriela ANGHEL PhD

17.1. Aspects concerning the general evolution	245
17.2. Government funding	249
17.3. Exchange rate and interest rate	250
17.4. Effect of inflation on comparable prices	251
17.5. Balance of payments in the European Union	252
17.6. Foreign direct investments and their effect in the European Union	255
17.7. International trade in goods in and out of the European Union	256
17.8. International trade and economic growth in the European Union	256

Chapter 18

Romania's economy until 2017	259
---	------------

18.1. The main macroeconomic indicators	259
---	-----

Professor Constantin ANGHELACHE PhD,

Associate professor Mădălina Gabriela ANGHEL PhD

18.1.1. The main macroeconomic developments	259
18.1.2. The evolution of Gross Domestic Product	261
18.1.3. Inflation evolution (consumer prices)	263
18.1.4. Indices of industrial production	264
18.1.5. Production indices in agriculture	264
18.1.6. Investment in construction	265
18.1.7. Production of services	266
18.1.8. International trade	266
18.1.9. Population and the labor market	268
18.1.10. Evolution of wages	269
18.2. Labor market	270

Professor Gheorghe SĂVOIU PhD,

Associate professor Mădălina Gabriela ANGHEL PhD

18.2.1. Population and its major typology in relation with the labor market	270
18.2.2. The dynamic and structural approach to the balances and imbalances in the labor market	274
18.2.3. Unemployment rate	276
18.3. Business environment and investments	278
<i>Professor Constantin ANGHELACHE PhD</i>	
18.3.1. Evolution and structure of investment	278
18.3.2. Foreign investment	280
18.3.3. Domestic capital investment	283

18.3.4. Business environment	284
18.4. Agriculture	285
<i>Academician Cristian HERA,</i>	
<i>Professor Nicolae ISTUDOR, PhD,</i>	
<i>Associate professor Irina Elena PETRESCU PhD</i>	
18.4.1. Major problems of the agri-food sector in Romania in the context of integration into the European Union	286
18.4.2. Increasing the competitiveness of agri-food products	291
18.5. Industry	298
<i>Professor Constantin ANGHELACHE PhD</i>	
18.5.1. General Aspects of Industry in the Romanian Economy	298
18.5.2. Mutations in the branch structure	299
18.5.3. The structural evolution of the industry	300
18.5.3.1. Mutations in extractive industry	300
18.5.3.2. Evolution of the energy industry	301
18.5.3.3. Development of the manufacturing industry	302
18.6. Constructions	305
<i>Dan Ion GHERGUȚ PhD</i>	
18.7. Transport infrastructure	311
<i>Professor Constantin ANGHELACHE PhD</i>	
18.7.1. Transports	311
18.7.2. The technical-material basis of transport	312
18.7.3. Freight transport	313
18.7.4. Passenger transport	314
18.7.5. Perspectives	315
18.8. Communications – IT development	316
<i>Associate professor Irina DRĂGAN PhD,</i>	
<i>Professor Claudiu HERȚELIU PhD</i>	
18.8.1. State of the computerization of the Romanian economy	316
18.8.2. Development of public services provided by electronic means	319
18.8.3. Some international comparisons	321
18.8.4. Conclusion	323
18.9. The evolution of international trade	324
<i>Professor Gheorghe ZAMAN PhD, correspondent member of the Romanian Academy,</i>	
<i>Professor Constantin ANGHELACHE PhD</i>	
18.9.1. Macroeconomic and Commodity Evolution of Romania's Foreign Trade	324
18.9.2. Geographical orientation of exports and imports	328
18.9.3. Balance of trade balance – a challenge for the mix of economic, financial and social policies in Romania	329
18.9.4. The evolution of Romania's export competitiveness in an international context	329
18.9.5. Impact of foreign direct investment (FDI) on foreign trade	332
18.9.6. Strategies and competitive advantages of Romania's exports during the period 2007-2013	333

18.9.7. Conclusions and final remarks.....	336
18.10. Domestic trade	337
<i>Professor Gheorghe M. PISTOL PhD</i>	
18.10.1. Role and place of domestic trade in the goods and services market	337
18.10.2. The commercial network, the volume, the structure and the dynamics of the activity carried out in the Romanian domestic trade	341
18.10.3. Directions for development and improvement of the domestic trade	344
18.11. Market services	346
<i>Alexandru RADOCEA PhD, Economist Ioan GÂLCEAVĂ</i>	
18.12. Consumer prices and tariffs for services	348
<i>Mihai GHEORGHE PhD</i>	
18.12.1. Evolution of weights used for CPI calculation	349
18.12.1.1. Group of food goods – Considerable reduction in CPI share.....	350
18.12.1.2. Group of non-food goods – the most important group of expenditures used for the construction of the CPI	351
18.12.1.3. Services – represents one fifth of total goods and services expenditures	351
18.12.2. Evolution of consumer prices during the period 1990-2017	352
18.13. Evolution of the cooperative system in Romania.....	355
<i>Lecturer Alina GHEORGHE PhD</i>	
18.13.1. General considerations	355
18.13.2. The main promoters of the co-operative current	357
18.13.3. Cooperative legislation, support for the development and modernization of co-operation	358
18.13.4. The development of the cooperative of craft production	358
18.13.5. The evolution of consumer and credit co-operation	359
18.13.6. The evolution of agricultural co-operation	360
18.13.7. Legislative framework and evolution of co – operation after 1990	360
18.13.8. The economic and social structure of the handicraft co-operation.....	361
18.13.9. The evolution of consumer and credit co-operation	362
18.13.10. Structure of credit cooperative units.....	362
18.13.11. Structure of agricultural co-operation in Romania	363
18.14. Evolution of the pension system in Romania	363
<i>Associate professor Mădălina Gabriela ANGHEL PhD.....</i>	
18.14.1. Considerations on the national pension system	363
18.14.2. Trends in the evolution of the private and voluntary pension system.....	367
18.14.3. Performance indicators on the private pensions market	370

Chapter 19

Small and medium enterprises 371

Professor Alexandru ISAIC-MANIU PhD,

Professor Ovidiu NICOLESCU PhD

19.1. Beginning of business organization and operation in Romania..... 371

19.2. Characteristics of the process of creating new businesses..... 373

19.3. Some comparisons between SMEs in Romania and the EU 375

19.4. Directions for action in strengthening the SME sector..... 376

Chapter 20

Tourism 379

Economist Marin STĂNICĂ,

Associate professor Claudia CĂPĂȚĂNĂ PhD

20.1. Main tourism areas..... 379

20.2. Cultural and natural sites included in the World Heritage – UNESCO 383

20.3. Tourism resorts and tourist accommodation structures..... 384

PART V

FINANCIAL-BANKING SYSTEM IN ROMANIA IN 2017 387

Chapter 21

Public finances 389

Academician Iulian VĂCĂREL

21.1. Income and expenditure of the general consolidated budget..... 389

21.2. Structure and evolution of tax revenues..... 391

21.3. Tax regulations..... 395

21.4. Structure and evolution of public expenditures..... 398

21.5. Public debt 402

Chapter 22

Policies and Monetary-Currency Markets 407

Academician Mugur ISĂRESCU

22.1. Background and overall assessment 407

22.2. Elements of the economic policy framework introduced before accession,
essential in the subsequent management of monetary policy 408

22.3. The constantly anti-cyclical nature of monetary policy 410

22.4. Exchange rate policy..... 418

22.5. Inflation targets..... 422

Chapter 23

The banking system..... 425

Professor Florin GEORGESCU PhD

23.1. General Aspects of Banking System Evolution 425

23.2. Financial intermediation determinants of the nature of the offer 428

23.3. Financial intermediation determinants of the nature of demand..... 431

23.4. Accumulation of non-performing loans and prudential measures of the National Bank of Romania to reduce them 441

23.5. The health and performance of the banking system 444

Chapter 24

Capital market 453

Professor Gabriela ANGHELACHE PhD

24.1. Romania's capital market – in the Centenary Year 453

24.2. Market of financial instruments..... 456

24.3. The collective investment undertakings market..... 459

24.4. Trends in the development of the capital market..... 461

PART VI

REGIONAL DEVELOPMENT..... 463

Chapter 25

Coordinates of regional development..... 465

Professor Vergil VOINEAGU PhD,

Economist Ioan B. GÂLCEAVĂ

Chapter 26

The development regions..... 469

26.1. North-West Region..... 469

Professor Alexandru MANOLE PhD,

Associate professor Mădălina Gabriela ANGHEL PhD

26.2. Central Region 473

Economist Beatrix GERED,

Economist Ioan B. GÂLCEAVĂ,

Economist Maria RĂDULESCU

26.3. North-East Region..... 477

Economist Ioan B. GÂLCEAVĂ,

Eng. economist Grigorie GRAMA,

Marius Augustin POP PhD

26.4. South-East Region 482

Stefan TRICĂ PhD,

Economist Ioan B. GÂLCEAVĂ

26.5. South-Muntenia Region.....	486
<i>Professor Gheorghe SĂVOIU PhD,</i>	
<i>Constantin ALBU PhD,</i>	
<i>Economist Ioan B. GÂLCEAVĂ</i>	
26.6. Bucharest-Ilfov Region.....	491
<i>Economist Ioan B. GÂLCEAVĂ,</i>	
<i>Eng. economist Grigorie GRAMA,</i>	
<i>Economist Nicolae RISTEA</i>	
26.7. South-West Oltenia Region.....	495
<i>Economist Mihaela Elena IAGĂR,</i>	
<i>Economist Ioan B. GÂLCEAVĂ</i>	
26.8. West Region.....	498
<i>Economist Ioan B. GÂLCEAVĂ,</i>	
<i>Economist Ioan GOREAC,</i>	
<i>Economist Maria RĂDULESCU</i>	

PART VII

RESEARCH, SCIENCE, CULTURE, EDUCATION AND SPORT..... 503

Chapter 27

Romanian Academy..... 505

Dorina N. RUSU PhD, correspondent member of the Romanian Academy

27.1. A short history	505
27.2. Members	508
27.3. Objectives, achievements	509
27.4. External relationships	512

Chapter 28

Famous personalities of Romanian science during the Centenary

of the Great Union..... 515

Academician Iulian VĂCĂREL,

Academician Maya SIMIONESCU

Chapter 29

Visual arts..... 527

Academician Răzvan THEODORESCU

29.1. Historical Genesis	527
29.2. The East – West Old Bridge.....	532
29.3. Latin modernity.....	534
29.4. Modern art.....	536

Chapter 30

Literature	539
<i>Academician Eugen SIMION</i>	
30.1. Origins.....	539
30.2. Literature after the Second World War.....	555
30.3. Literature after 1990.....	558

Chapter 31

Romanian theater and film yesterday and today	559
<i>Lucian SINIGAGLIA PhD</i>	
31.1. Theater.....	559
31.1.1. Institutional structures.....	559
31.1.2. National Dramaturgy.....	562
31.1.3. Fundamental landmarks of interpretative art.....	564
31.2. The movie.....	571

Chapter 32

The education system in the present time	577
<i>Professor Nicolae ISTUDOR PhD,</i>	
<i>Professor Pavel NĂSTASE PhD,</i>	
<i>Professor Constantin MITRUȚ PhD,</i>	
<i>Associate teacher Simona BARA PhD</i>	
32.1. National education system.....	577
32.1.1. The material basis of the current education system.....	581
32.1.2. Teaching staff in the current education system.....	583
32.2. Users and access to the education system.....	584
32.3. Strategic guidelines on the medium term to develop the European dimension of education and professional training.....	588

Chapter 33

Research activities in higher education	589
<i>Professor Pavel NĂSTASE PhD,</i>	
<i>Professor Constantin MITRUȚ PhD,</i>	
<i>Associate teacher Simona BARA PhD</i>	
33.1. Preliminary considerations.....	589
33.2. Human and material potential for RDI activity.....	593
33.3. The financial resources allocated to the research-development-innovation system.....	595
33.4. Capitalization of research conducted.....	598

Chapter 34

Performances of the Romanian team sport and individual sport during the Centenary years	603
<i>Professor Constantin ANGHELACHE PhD,</i>	
<i>Associate professor Aurelian DIACONU PhD</i>	
34.1. Some general issues.....	603

34.2. The organizational structure	606
34.3. The material basis	607
34.4. Sports activity	607

PART VIII

LIFE QUALITY 613

Chapter 35

The health 615

Constantin ALBU PhD,

Iulius-Codru ANDREESCU PhD

35.1. Preliminary considerations	615
35.2. Network of Health Units.....	616
35.3. Medical activity and health of the population.....	619
35.4. Health expenditures	622

Chapter 36

Social protection 623

Constantin ALBU PhD

36.1. Preliminary considerations	623
36.2. Social protection system	624
36.2.1. Social insurance for pensions	624
36.2.2. Other social security rights.....	627
36.3. Social protection of the unemployed in Romania	627
36.4. Protection of families with children and those with low incomes	628
36.5. Assistance to people with disabilities	630
36.6. Protecting children in difficulty.....	630
36.7. Social protection of the elderly	631
36.8. Social assistance activity provided by non-governmental organizations.....	632

Chapter 37

Income, expenditure and consumption of the population in Romania 633

Professor Angelica BĂCESCU-CĂRBUNARU PhD

37.1. Income of the population	633
37.2. Expenditure and consumption of the population	635

Chapter 38

Living conditions..... 641

Professor Angelica BĂCESCU-CĂRBUNARU PhD

38.1. Housing Fund in Romania.....	641
38.2. The quality of Romanian housing.....	643
38.3. The influence of demographic factors on the housing stock	644
38.4. The role of real estate credit in financing the purchase of housing	646
38.5. What to do to improve the housing situation	647

Chapter 39

Justice and social stability..... 651

Professor Mircea DUȚU PhD

39.1. Judicial system..... 652

39.1.1. Short history..... 652

39.1.2. The current judicial system..... 654

39.1.3. Perspectives..... 656

39.2. Access to justice and the right to a fair trial..... 656

39.3. Social stability..... 657

Instead of an epilogue..... 659

References..... 661