# Photograph Sources

#### 24Page

Erosional Basin: National Institute of Environmental Research Tafoni: National Institute of Environmental Research Dome: National Institute of Environmental Research Block Field: National Institute of Environmental Research

#### 25Page

Entrenched Meander: National Institute of Environmental Research Riverine Wetland: National Institute of Environmental Research Waterfall: National Institute of Environmental Research Riverside Cliff: National Institute of Environmental Research

#### 26Page

Tideland: National Institute of Environmental Research Sea Stack: National Institute of Environmental Research Coastal Sand-dune: National Institute of Environmental Research

#### 27Page

Lapies: National Institute of Environmental Research Limestone Cave: Samcheok, Gangwon-do Columnar Joint: Jeju Torism Organization Crater Lake: Korea National Park Service

#### 28Page

1 Seoraksan: Korea National Park Service (2) Odaesan: Korea National Park Service (3) Chiaksan: Korea National Park Service (4) Taebaeksan: Korea National Park Service ⑤ Bukhansan: Korea National Park Service (6) Taeanhaean: Korea National Park Service ⑦ Gyeryongsan: Korea National Park Service (8) Byeonsanbando: Korea National Park Service (9) Naejangsan: Korea National Park Service 10 Sobaeksan: Korea National Park Service 1) Woraksan: Korea National Park Service (12) Songnisan: Korea National Park Service Juwangsan: Korea National Park Service (14) Deogyusan: Korea National Park Service (15) Mudeungsan: Korea National Park Service (6) Wolchulsan: Korea National Park Service (7) Gayasan: Korea National Park Service (18) Gyeongju: Korea National Park Service 19 Dadohaehaesang: Korea National Park Service 20 Hallasan: Korea National Park Service (21) Chirisan: Korea National Park Service 2 Hallyeohaesang: Korea National Park Service

#### 29Page

1: Lee, Han Jin (2): Ministry of Environment ③: Ministry of Environment

(4): National Institute of Environmental Research (5): Ministry of Environment 6: Unmunsan Eco Center ⑦: Lee, Han Jin ⑧: Lee, Han Jin (9): Ansan Evergreen Foundation

#### 31Page

1 – 6: Korea National Park Service

#### 39Page

(1): Museum of Chonnam National University ②: The Geological Society of Korea (2011) ③: Geological Magazine (2002) (4): The Geological Society of Korea (2011) (5): Huh, Min (Earth System and Environmental Sciences, Chonnam National University) (6): Huh, Min (Earth System and Environmental Sciences, Chonnam National University)

#### 42Page

 (1) - (10): Oh Chang Whan (Department of Earth & Environmental Sciences, Chonbuk National University) and Ryu, In-Chang (Department of Geology, Kyungpook National University)

#### 43Page

Appearance of Eclogite: Oh, Chang Whan (Department of Earth & Supporting Afforestation in Desert Areas of China: Korea Forest Service Environmental Sciences, Chonbuk National University) Microphoto of Eclogite: Oh, Chang Whan (Department of Earth & Environmental Sciences, Chonbuk National University) Appearance of Ultramafic Rock: Seo, Jieun (Department of Earth and Environment Sciences, Korea University) Microphoto of Ultramafic Rock: Seo, Jieun (Department of Earth and Environment Sciences, Korea University)

Appearance of Muju Orbicular Granitic Gneiss: Oh, Chang Whan (Department

of Earth & Environmental Sciences, Chonbuk National University) Microphoto of Muju Orbicular Granitic Gneiss: The Petrological Society of

Korea Cheongsong Chrysanthemum Type Spherulitic Rhyolites: The Petrological

Society of Korea (2004) Cheongsong Cotton Type Spherulitic Rhyolites: The Petrological Society of

#### 45Page

Korea (2004)

 
 (1) – (1): Choi, Seun-Gyu (Department of Earth and Environment Sciences,
Korea University)

#### 49Page

The Comprehensive Oceanic Research Ship: Korea Institute of Ocean Science & Technology

54Page

Representative Paddy Soils: Rural Development Administration

55Page Representative Farm Field Soils: Rural Development Administration

56Page Representative Forest Soils: Korea Forestry Promotion Institute

#### 57Page

Soils Developed from Granite: Rural Development Administration Soils Developed in River Alluvium: Rural Development Administration Soils Developed in Fluvio-Marine Sediments: Rural Development Administration

# 64Page

Example of Afforestation on Devastated Forest Land: Korea Forest Service

# 65Page Highland Farming and Risk of Soil Erosion: Park, Soo Jin (Seoul National

University)

# 68Page

Greening Drylands Partnership: Korea Forest Service

### 69Page

# 72Page

Korean Red Pine Community: National Institute of Ecology Mongolian Oak Community: National Institute of Ecology Korean Red Pine-Mongolian Oak Community: National Institute of Ecology

# 73Page

Korean Red Pine-Oriental Cork Oak Community: National Institute of Ecology Black Pine Community: National Institute of Ecology Oriental Cork Oak Community: National Institute of Ecology

#### 81Page

Bupleurum latissimum Nakai (Bupleurum latissimum): National Institute of **Biological Resources** Asplenium antiquum Makino (Asplenium antiquum): National Institute of **Biological Resources** 

#### 82Page

Drosera rotundifolia: Korea National Arboretum Rodgersia podophylla: Korea National Arboretum Betula chinensis: Korea National Arboretum Sanguisorba hakusanensis: Korea National Arboretum Cirsium setidens: Korea National Arboretum Cymopterus melanotilingia : Korea National Arboretum Aconitum jaluense: Korea National Arboretum Dryopteris crassirhizoma: Korea National Arboretum

#### 83Page

Cypripedium japonicum: National Institute of Biological Resources Diapensia lapponica var. obovata: National Institute of Biological Resources Rhododendron aureum: National Institute of Biological Resources Aster altaicus: National Institute of Biological Resources Cicuta virosa: National Institute of Biological Resources Mankyua chejuense: National Institute of Biological Resources

# 84Page

Modemipul (Megaleranthis Saniculifolia): Korea National Arboretum Geumgangchoronkkot (Hanabusaya asiatica): Korea National Arboretum Miseonnamu (Abeliophyllum distichum): Korea National Arboretum Korean necklace pod (Echinosophpra Koreensis): Korea National Arboretum

#### 85Page

Common Ragweed: Korea National Arboretum Buffalo-weed: Korea National Arboretum Weeping Love Grass: Korea National Arboretum Reed Fescue: Korea National Arboretum

#### 86Page

Lacebark Pine of Jae-dong, Seoul: Natural Heritage Center of Korea Smoothlip Cymbidium of Jejudo: Natural Heritage Center of Korea Population of Spreading Yew Trees in Sobaeksan: Natural Heritage Center of Korea Evergreen Forest on Judo, Wando-gun, Jeollanam-do: Natural Heritage Center of Korea

Dwarf Siberian Pine: Kong, Woo-Seok (Department of Geography, Kyunghee University)

#### 92Page

Water Deer: National Institute of Biological Resources Wild Boar: National Institute of Biological Resources

#### 93Page

Korean Goral: Ministry of Environment

#### 95Page

Grus grus lilfordi: Korean Wild Bird Society Bubulcus ibis coromandus: Lee, Sang-yeon (National Institute of Ecology) Dendrocopos leucotos: Ministry of Environment Dendrocopos major: Ministry of Environment

#### 98Page

Gori Salamander: Jang, Hoan-Jin (National Institute of Ecology) Korean Crevice Salamander: Jang, Hoan-Jin (National Institute of Ecology) Jeju Salamander: Jang, Hoan-Jin (National Institute of Ecology) Korean Brown Frog: Jang, Hoan-Jin (National Institute of Ecology) Korean Ratsnake: Kim, Dae-In (National Institute of Ecology)

Black-Headed Snake: Kim, Dae-In (National Institute of Ecology) Mongolian Racerunner: Kim, Dae-In (National Institute of Ecology) Reeve's Pond Turtle: Kim, Dae-In (National Institute of Ecology)

#### 100Page

Black Shiner: Ministry of Environment Korean Stumpy Bullhead: Ministry of Environment Miho Spine Loach: Ministry of Environment Nakdong Nose Loach: Ministry of Environment Gobiobotia Naktongensis: Ministry of Environment Japanese Aucha Perch: Ministry of Environment Puan Spine Loach: Ministry of Environment Gobiobotia brevibarba: Ministry of Environment

101Page

Koreanomelania nodifila: Ministry of Environment Lamprotula coreana: Ministry of Environment

#### 102Page

Largemouth Bass: Ministry of Environment Bluegill: Ministry of Environment Red-Eared Slider: Ministry of Environment American Bullfrog: Ministry of Environment Coypu: Ministry of Environment

#### 106Page

Geomorphological Feature Survey: Lee, Jae Ho (National Institute of Ecoloay) Vegetation Survey: Song Se Kyu (National Institute of Ecology) Fauna and Flora Survey: Jang, Hoan-Jin (National Institute of Ecology)

#### 109Page

Japanese Silver Tree: National Institute of Biological Resources Japanese Bay Tree: National Institute of Biological Resources Old World Forked Fern: National Institute of Biological Resources

#### 114Page

Characteristics of PRNI Classes: Cho, Yong-Hyeon (Kongju National University).

#### 116Page

Dryocopus martius: Kim, Jaeil (Korea Forest Service) Nucifraga caryocatactes (Jirisan): Park, Chan-Ryul (Korea Forest Service) Leucosticte arctoa (Jirisan): Park, Chan-Ryul (Korea Forest Service) Tetrastes bonasia (Gajisan: Park, Chan-Ryul (Korea Forest Service)

#### 117Page

Beobseong Forest, Yeonggwang-gun, Jeollanam-do: Park, Chan-Ryul (Korea Forest Service) Mulgeonni Forest, Namhae-gun, Gyeongsangnam-do: Park, Chan-Ryul (Korea Forest Service) Wongarim Forest, jinan-gun, Jeollabuk-do: Park, Chan-Ryul (Korea Forest

#### Service)

Geumdangsil Forest, yecheon-gun, Gyeongsangbuk-do: Park, Chan-Ryul (Korea Forest Service)

Songmal Forest, Icheon-si, Gyeonggi-do: Park, Chan-Ryul (Korea Forest Service)

Sanglim, Hamyang-gun, Gyeongsangnam-do: Park, Chan-Ryul (Korea Forest Service)

#### 118Page

Traditional Ecological Activities and Landscapes: Korearoot, Inc. Foods Made of Acorn: Korearoot, Inc.

#### 119Page

Landscape of Hongcheon Air Hole: Kong, Woo-Seok (Kyunghee University) Hongcheon Air Hole: Kong, Woo-Seok (Kyunghee University) Mountain Cranberry: Kong, Woo-Seok (Kyunghee University) Climate Data Loggers at Hongcheon Air Hole: Kong, Woo-Seok (Kyunghee University)

#### 152Page

Euirimji in Jecheon-si: Korea Tourism Organization Painting of the Euirimji: K-Heritage Byeokgolje in Gimje-si: The Digital Local Culture Encyclopedia of Korea Ancient Map of Byeokgolje: K-Heritage Susanje in Miryang-si: Milyang-si Yaksadong Embankment in Ulsan: Ulsan-si Cheongje in Youngcheon-si: Natural Heritage Center of Korea Gonggeomji in Sangju-si: Daeguilbo

#### 153Page

River Conservation Work during Japanese Colonial Period: Korea River Assoication River Improvement Project in Nakdonggang: Korea River Assoication

#### 159Page

Soyanggang Dam Construction: e-History River Maintenance Project: National Archives of Korea Before and After the Cheonggyecheon Restoration Project: Yonhap News River Restoration Project: Incheon-si

#### 172Page

Submarine Topography of Yellow Sea: Korea Hydrographic and Oceanographic Agency Submarine Topography of South Sea: Korea Hydrographic and Oceanographic Agency

Submarine Topography of East Sea: Korea Hydrographic and Oceanographic Agency

Sub-Bottom Topography Around leodo Ocean Research Station: Korea Hydrographic and Oceanographic Agency

Diagram of Submarine Topography: Korea Ocean Satellite Center Major Submarine Features of East Sea: Korea Hydrographic and Before Restoration: Sacheon-si Oceanographic Agency

#### 173Page

Gyeonggi-Bay Tidal Flat: Korea Ocean Satellite Center Taean Tidal Flat: Korea National Park Service Taean Tidal Flat: Korea Ocean Satellite Center Suncheon-Bay Tidal Flat: Ministry of Culture, Sports and Tourism Yeoja-Bay Tidal Flat: Korea Ocean Satellite Center Nakdong River Tidal Flat: Korea Ocean Satellite Center Mountain Ghost Crab: Korea Ocean Satellite Center Crab (Helice tridens tientsinensis): Korea Ocean Satellite Center Crab (Ilyoplax pingi): Korea Ocean Satellite Center Corb Shell: Korea Ocean Satellite Center Biota of Tidal Flat: Korea Ocean Satellite Center Surf Clam: Korea Ocean Satellite Center Mantis Shrimp: Korea Ocean Satellite Center Korean Mud Snail: Korea Ocean Satellite Center Jackknife Clam: Korea Ocean Satellite Center Cuming's False Cerith: Korea Ocean Satellite Center

#### 174Page

Major Marine Organisms: National Marine Biodiversity Institute of Korea

#### 175Page

Tursiops aduncus: National Marine Biodiversity Institute of Korea Neophocaena phocaenoides: National Marine Biodiversity Institute of Korea Phoca largha: National Marine Biodiversity Institute of Korea Callorhinus ursinus: National Marine Biodiversity Institute of Korea

#### 176Page

Occurrence of Red Tide: Korea Ocean Satellite Center Occurrence of Green Tide: Korea Ocean Satellite Center

#### 193Page

Aerial Photos of Sejong (2015): Sejong Metropolitan Autonomous City

#### 198Page

Dykes Construction of Seosan Reclaimed Land (1984): Seosan-si Panorama View of Seosan Reclaimed Land (2007): Seosan-si Group Dance of Migratory Birds (2011): Ministry of Culture, Sports and Tourism

#### 199Page

A Exposed Land (2013): Saemangeum Development and Invest Agency B Construction of Waterproof Agent (2013): Saemangeum Development and Invest Agency

C Sinsi Dike Sluice (2010): Saemangeum Development and Invest Agency D Road Connecting Construction (2013): Saemangeum Development and Invest Agency

#### 200Page

After Restoratio : Sacheon-si

#### 202Page

Historical Features of Nanjido: World Cup Park, Seoul Metropolitan Changes in Nanjido: World Cup Park, Seoul Metropolitan Landfill in Nanjido: World Cup Park, Seoul Metropolitan Landfill Leachate: World Cup Park, Seoul Metropolitan After Landfill Covering: World Cup Park, Seoul Metropolitan Panoramic View of Noeul Park: World Cup Park, Seoul Metropolitan Panoramic View of Haneul Park: World Cup Park, Seoul Metropolitan

#### 203Page

Waste Burial of Metropolitan Landfill Area : Ohmynews Waste Burial of Metropolitan Landfill Area : SBS News Soil Covering of Metropolitan Landfill : Korea JoongAng Daily Panoramic View of Public Golf Course : Kyeong-Gi News

208Page 1 – (8): Yonhap News

# 210Page

Representative Picture of Flood : Yonhap News Representative Picture of Heavy Rain : Korea Meteorogical Administration

# 212Page Heavy Snow that Can Cause Damage: Yonhap News

214Page Landslide: Yonhap News

#### 222Page

The Rainfall Gauge of the Joseon Dynasty: The Academy of Korean Studies Dondae (Pisudae): Geography Teacher's Association of Korea Teododum House: Geography Teachers' Association of Korea Windbreak Forest of Mulgeon-ri, Namhae-gun: Kim, Won Seob Daraengi Village of Namhae-gun: Kim, Won Seob Traditional Houses of Jejudo: Lee, Seungho Udegi: Kim, Won Seob Ulleungdo: Lee, Seungho

#### 223Page

Activity of KDRT (Haiti Earthquake): Yonhap News Activity of KOSAR (Tohoku Earthquake, Japan): Yonhap News Activity of KDRT (Typhoons in the Philippines): Yonhap News Activity of KDRT (Nepal Earthquake): Yonhap News

#### 236Page

Hebei Spirit Oil Spill Accient: Yonhap News Sea Prince Ferry Oil Spill Accident: Yonhap News Hydrofluoric Acid Spill Accident in Gumi-si: Yonhap News Donggang Dam Construction Plan: Yonhap News

241

# Reference

#### 1 – 1. Landforms

#### Reference

National Institute of Environmental Research, 2010, Typical Korean Landforms: Mountain & River. National Institute of Environmental Research, 2011, Typical Korean Landforms: Coast, Karst & Volcano.

National Geographic Information Institute, 2008, The Geography of Korea. Kwan, D-H., 2015, Korean Landform, Hanul Academy Kwan, H. J., 2005, *Geomorphology*, Bobmunsa.

#### 18Page

Topographic Relief in East Asia: Korean Geographical Society (2014) Classification of Landforms in East Asis: Korean Geographical Society (2014) Topographic Slope in East Asia: Korean Geographical Society (2014) Diversity of Landforms in East Asia: Korean Geographical Society(2014) (Park, S. J., 2014, Generality and Specificity of Landforms of the Korean Peninsula, and Its Sustainability, Journal of the Korean Geographical Society, 49 (5), 656 - 674.)

#### 21Page

#### Mountainous Index: Korean Geographical Society (2005)

(Park, S. J., and Son I., 2005, Discussions on the Distribution and Genesis of Mountain Ranges in the Korean Peninsular (I): The Identification Mountain Ranges using a DEM and Reconsideration of Current Issues on Mountain Range Maps, Journal of the Korean Geographical Society, 40(1), 126 – 152.) Map of Mountain Chains by Shin Kyeongjoon: The Chosun Ilbo (1993) (Lee, W. H., 1993, Mountains are Water: The Meaning Behind Baekdudaegan (in Korean), Mountains Monthly, 6.)

Map of Mountain Ranges: The Korean Geographical Society (2008) (Park, S. J., and Son I., 2008, Discussions on the Distribution and Genesis of Mountain Ranges in the Korean Peninsular (III): Proposing a New Mountain Range Map, Journal of the Korean Geographical Society, 43 (3), 126 – 152.) Map of Mountain Chains: Korean Geographical Society (2005)

(Park, S. J., and Son I., 2005, Discussions on the Distribution and Genesis of 113, 226 – 232. Mountain Ranges in the Korean Peninsular (II): The Proposal of 'Sanjulgi Jido (Mountain Ridge Map), Journal of the Korean Geographical Society, 40 37Page (3), 253 – 273.)

#### 1 – 2. Rocks and Minerals

#### Reference

The Geological Society of Korea, 1999, The Geology of Korea (in Korean) Sigmapress.

Min, K.D., and Lee, Y.S., 2006, Phanerozoic Geodynamics of the Korean Peninsula, *Economic and Environmental Geology*, 39 (4), 353 – 368.

Baek, I.S., 2004, A Comprehensive Study on the Reconstruction of Paleoecology and Paleoenvironment of the Dinosaur Era Within the Korean Peninsula (in Korean), Report of Basic Research on Special Issues, 87. Oh, C.W., 2012, The Tectonic Evolution of South Korea and Northeast Asia from Paleoproterozoic to Triassic, The Journal of the Petrological Society of

*Korea*, 21 (2), 59 – 87. Choi, D.K., 2014, Geology and Tectonic Evolution of the Korean Peninsula, Seoul National University Press.

Chough, S. K., Kown, S.-T., Ree, J.-H., and Choi, D.K., 2000, Tectonic and sedimentary evolution of the Korean peninsula: a review and new review, Earth-Science Reviews, 52, 175 – 235.

Lee, B.C., Oh, C.W., and Yi, K., 2016, Geochemistry, zircon U-Pb ages, and Hf isotopic composiitons of Precambrian gneisses in the Wonju-Jechon area of the southern Gyeonggi Massif: Implications for the Precambrian tectonic evolution of Korea and northeast Asia. Precambrian Research, 283, 169 -189

Oh, C. W. and Kusky, T. M., 2007, The Late Permian to Triassic Hongseong-Odesan collision belt in South Korea, and its tectonic correlation with China and Japan, International Geology Review, 49, 639 - 657.

Oh, C. W., Kim, S. W., Choi, S. G., Zhai, M., Guo, J., and Sajeev, K., 2005, First finding of eclogite facies metamorphic event in South Korea and its correlation with the Dabie-Sulu collision belt in China. Journal of Geology,

Precambrian Massifs and Continental Collision Belt around Korean Peninsula: Precambrian Research (2014)

(Lee, B.C., Oh, C.W., Yengkhom, S.K., and Yi, K., 2014, Paleoproterozoic magmatic and metamorphic events in the Hongcheon area, southern (Min, K.D., Lee, Y.S., 2006, Phanerozoic Geodynamics of the Korean margin of the Northern Gyeonggi Massif in the Korean Peninsula, and their Peninsula. Economic and Environmental Geology, 39 (4), 353 – 368.) links to the Paleoproterozoic orogeny in the North China Craton Original, recambrian Research, 248, 17 – 38.)

Paleozoic Sedimentary Rocks in the Taebaeksan Basin: Geoscience Journal (1998)

(Choi, D.K., 1998. The Yongwol Group Cambrian–Ordovician. redefined: a proposal for the stratigraphic nomenclature of the Choson Supergroup. Geoscience Journal, 2 (4) ,220 – 234.)

Korean Peninsula in the Gondwana Supercontinent: The Paleohtological Society of Korea (2011)

(Choi, D.K., 2011, A New View on the Early Paleozoic Paleogeography and Paleonenvironments of the Taebaeksan Basin, Korea, Journal of the Paleontological Society of Korea, 27 (1), 1 – 11.)

#### 38Page

Cretaceous Strilke Slip Faults, Sedimentary Basins and Rocks: Geological 2-1. Plants Society of Korea (2015)

(Ko, K.,Park, S.-I. and Kwon, C.W., 2015, Soft-sediment deformation structures in the Cretaceous Gyeokpori Formation of the Buan area, Korea: Structural characteristics, reconstruction of paleoslope and triggering mechanism of slump, Journal of the Geological Society of Korea, 51(6), 545-560).

Distribution of Igneous Rocks in the Late-Paleozoic and Mesozoic: Petrological Society of Korea (2011)

(Kim, T., Oh, C.W., and Kim, J., 2011, The Characteristic of Mangerite and Gabbro in the Odesan Area and its Meaning to the Triassic Tectonics of Korean Peninsula, The Journal of the Petrological Society of Korea, 20, 2, 77 - 98.)

#### 40Page

East Sea Opening Tectonic Model: Korean Society of Economic and Environmental Geology (2006)

1 – 3. Soils

#### Reference

Kwan, D-H. and Park, H. D., 2007, Soil Geography, Hanul. Rural Development Administration, 1992, Taxonomical Classification of Korean Soils

National Institute of Agricultural Sciences, 2011. Korean Soil Classification and Interpretation.

Korea Forest Research Institute, 2004, Forest Sites of Korea: Forest Soil. Korea Forest Research Institute, 2005, The forest soil profiles in Korea. Lee, K.J., Yoon, Y.C., Choi, I.H., Ko, C.D., Kim, E.K., Kim, S.B., 2015, 70 Years of Reforestation in Korea (in Korean), The Academy of Korean Studies Publications.

# Reference

National Institute of Forest Science, 2013, Distribution of Major Tree Species in Korea.

National Institute of Biological Resources, 2012, Red Data Book of Endangered Vascular Plants in Korea.

National Institute of Biological Resources, 2015, National Survey on the Distribution of Endangered Plants.

Korea National Arboretum, 2002, Distributions of Naturalized Alien Plants in

Korea National Arboretum, 2008. Rare Plants Data Book in Korea.

Climate Change.

#### 78Page

# Pine Trees (Pinus) Fossils in Geological Times: International Union for Quaternary International (2015) (Kong, W.S., Lee, S.G., Park, H.N., Lee, Y.M., and Oh, S.H., 2015, Time-spatial distribution of Pinus in the Korean Peninsula, Quaternary International, 344 (1), 43 - 53.) Union for Quaternary International (2015)

(Kong, W.S., Lee, S.G., Park, H.N., Lee, Y.M., and Oh, S.H., 2015, Time-spatial distribution of Pinus in the Korean Peninsula, Quaternary International, 344 (1), 43 - 53.)

Koean Pine (Pinus koraiensis) in the Joseon Dynasty: International Union for Quaternary International (2015) (Kong, W.S., Lee, S.G., Park, H.N., Lee, Y.M., and Oh, S.H., 2015, Time-spatial

distribution of Pinus in the Korean Peninsula, Quaternary International, 344 (1), 43 - 53.)

#### 80Page

# Holocene Climate Optimum: Konkuk University Climate Research Institute (2013) (Jungjae Park, 2013, Mid- and Late-Holocene Climate Change in South Korea, Journal of Climate Research, 8 (2), 127 – 142.)

#### 81Page

Floristics of Plant in the Korean Peninsula: Kangwon National University Press (2002) (Lee, W.C., and Yim, Y.J., 2002, *Phytogeography* (in Korean), Kangwon National University Press.)

86Page

Korea National Arboretum, 2012, Change in Plant Distribution Due to Representatve Plant Natural Monuments: Natural Heritage Center of Korea Climate Change Vulnerable Plant: Korean Geographical Society (2000) (Kong, W.S., 2000, Geoecology On the subalpine vegetation and landscape of the Mt. Sorak, Journal of Korean Geographical Society, 35 (2), 177 -187.)

2 – 2. Animals

#### Reference

National Institute of Biological Resources, 2012, Red Data Book of

National Institute of Biological Resources, 2015, National Survey on the Distribution of Endangered Species.

#### 90Page

Zoogeographical Region of Mammals and Birds: Korean Association for Conservation of Nature (1976)

(Won B.O., 1976, Korean Rare Birds and Animals; Animal and Plant Resources Needs for Protection, Korea Nature Conservation Association, 7 - 18.)

Zoogeographical Region of Butterflies: National Geographic Information Institute (1982)

(Nam S. H., 1980, Animals, in: National Geographic Institute (ed.), The Geography of Korea)

Distributional Regions of Freshwater Fish in the Korean Peninsula: Kyohaksa (2002)

(Kim I. S. and Park J.Y., 2002, Korean Freshwater Fish, Kyohaksa.)

#### 93Page

The Spatio-temporal Distribution Change of Korean Gorals (Naemorhedus caudatus): East Eurasia International Workshop (2016)

(Kim, D.B. and Kong, W.S., 2016, Palaeo distribution patterns of long-tailed goral in the Korea Peninsula, The 13th East Eurasian International Workshop on Present Earth Surface Processes and Long-term Environmental Changes

in East Eurasia, Okinawa, Japan, Abstract No.54.)

#### 2 – 3. Ecology

#### Reference

National Institute of Biological Resources, 2012, Red Data Book of

Distribution of Endangered Species in Korea. National Institute of Biological Resources, 2015, National Survey on the 3-3. Sea Distribution of Endangered Species.

# 107Page

Gross Primary Productivity (GPP) in East Asia : American Geophysical Union (2013)

(Jang, K., Kang S., Lim, Y-J., Jeong, S., Kim, J., Kimball, J. S., and Hong, S.Y., 2013, Monitoring daily evapotranspiration in Northeast Asia using MODIS and a regional Land Data Assimilation System, Journal of Geophysical Research, 118(23), 12,927 - 12,940.)

Evapotranspiration in East Asia : American Geophysical Union (2013) (Jang, K., Kang S., Lim, Y-J., Jeong, S., Kim, J., Kimball, J. S., and Hong, S.Y.,

2013, Monitoring daily evapotranspiration in Northeast Asia using MODIS and a regional Land Data Assimilation System, Journal of Geophysical Research, 118(23), 12,927-12,940.)

#### 3 – 1. Weather and Climate

#### Reference

Kwon, H. J., 2003, Introduction to Korea Geography, Bobmunsa.

Korea Meteorological Administration, 2004, 100 Years of Modern Weather. Korea Meteorological Administration, 2011, Korean Climate Change

Assessment Report. Lee, S., 2012, Climatology, Purungil.

3 – 2. Rivers and Watersheds Reference

Korea Institute for Archaeology and the Environment, 2010, Ancient Paddyfield Farming Irrigation Facilities (in Korea), Seokung. Ministry of Land, Infrastructure and Transport, 2015, Water and Jobs. Ministry of Land, Infrastructure and Transport, 2013, List of Rivers in Korea. K-water, 1999, The Study of the Dam Survey and Characteristics of Dam.

Reference Knauss, J. A., 1978, Introduction to physical oceanography, Prentice-Hall International, Inc. Tom Garrison, T., 2010, Oceanography, Cengage Learning. Castro, P., and Huber, M. E., 1997, Marine Biology, WCB McGraw-Hill

# 4 – 1. Land Use and Land Cover

Choi, Y. J., 1997, Our Territory and Life History of Our Nation (In Korean), Hangilsa.

197Page

#### 4 – 3. Environmental Status and Outlooks 237Page

Environmental Perception and Policy Changes: Korean Green Foundation (2012) (Shin, D. H., 2007, Friends of Nature: 25 Years of Environmental Movement (in Korean), Doyosae, Korean Green Foundation, 2012, 30th Anniversary Symposium of the Korea Environment Movement)

#### 238Page

Center and The Chosun Ilbo (2015) (The Chosun Ilbo, (2014.10.10), Ring of Disaster Surrounding South Korea (In Korean).)



Countries Under Environmental Agreements : Seoul National University Asis

The National Atlas of Korea II

Date of PrintingDecember 2016Date of PublicationDecember 2016

PublisherChoe, Byong-NamNational Geographic Information Institute (NGII)Ministry of Land, Infrastructure and TransportAddress92 Worldcup-ro,<br/>Yeongtong-gu, Suwon-si,

Gyeonggi-do 16517 REPUBLIC OF KOREA

Phone +82-31-210-2600

Fax +82-31-210-2644

You can access to The National Atlas of Korea at the homepage of NGII, http://www.ngii.go.kr  $\,$ 

Copyright (c) 2016 NGII. All rights reserved.



ISBN 978-89-93841-22-0 ISBN 978-89-85682-28-2 (Set)