

**ECONOMIC AND SOCIAL COMMISSION FOR WESTERN ASIA
FEDERAL INSTITUTE FOR GEOSCIENCES AND NATURAL RESOURCES (BGR)**

INVENTORY OF SHARED WATER RESOURCES IN WESTERN ASIA

Corrigendum

Ch.1 Euphrates River Basin

- Table 1, page 57, the source for Syria should read: “Central Bureau of Statistics in the Syrian Arab Republic, **2010**.^b”

- Table 2, page 58, the source should read:

“Compiled by ESCWA-BGR based on data provided by the Ministry of Irrigation in the Syrian Arab Republic in ACSAD and UNEP-ROWA, 2001; USGS, 2012; Ministry of Irrigation in the Syrian Arab Republic, 2012; **Ministry of Water Resources in Iraq, 2012.**”

- Figure 5, page 59, the source should read:

“Compiled by ESCWA-BGR based on data provided by the Ministry of Irrigation in the Syrian Arab Republic in ACSAD and UNEP-ROWA, 2001; USGS, 2012; Ministry of Irrigation in the Syrian Arab Republic, 2012; **Ministry of Water Resources in Iraq, 2012.**”

- Table 5, page 71, last row “2009 Protocol on Water”, for the “Signatories” replace "Iraq, Syria" with "Iraq, Turkey"

- Page 72, under Outlook, paragraph 3, line 4 should read “rural **populations**, especially in northern Syria”

- In the bibliography, page 76, replace:

“Central Bureau of Statistics in the Syrian Arab Republic. 2005. General Census, Population in the Areas and Suburbs 2004. Available at: <http://cbssyr.org/General%20census/census%202004/pop-man.pdf>. Accessed on October 15, 2010.”

With the following:

“Central Bureau of Statistics in the Syrian Arab Republic. 2010. Estimates of Population Actually Living in Syria by Mohafazat and Sex. Available at: <http://www.cbssyr.org/middle.files/pag1.htm>. Accessed on September 21, 2011.”

Ch.3 Tigris River Basin

- Figure 6b and figure 6c, page 111: The values for the Mosul station are shifted one year to the left (the first value should correspond to the year 1932).

- Figure 6 page111 and figure 7 page112, the source should read: “Compiled by ESCWA-BGR based on USGS 2012; Ministry of Water Resources in Iraq, 2012.”

Ch.6 Jordan River Basin

- Page 172, under “Main Agreements”, in the last row, remove the last sentence “Palestinians are denied access to the Jordan River under this agreement”.
- Table 1, page179:
 - The source for Syria should read: “Central Bureau of Statistics in the Syrian Arab Republic, 2011.”^a”
 - In the first column, the 6th row should read “Palestine” (remove “West Bank”)
 - The estimated population in the basin for Palestine should read “ 0.431” (remove “+30,000 Israeli settlers”)
 - The footnote (a) should read: “The population estimation for the basin area situated in Syria is based on 2010 estimates and includes populations living in the Syrian governorates of Dar’a, Quneytra, Reef Dimashq and As Suwayda”.
- Page 181, onwards, the source for table 2 and figures 6-8 should read: “Source: Compiled by ESCWA-BGR based on data published by **Palestine Irrigation Service, 1944-1946** and HSI, 1946-2008.”
- Page 181, under “Annual discharge variability”, line 10 should read: “...while minimum flows were recorded in **2000/01** (30 MCM for the Hasbani) and **1989/90** (47 MCM for the Baniyas).”
- Page182, line 2 should read: “the highest in **1978** (312 MCM).”
- Figure 6a and 6b, page182: The graph for the Dan station is shifted one year to the left (the first value should correspond to year 1945).
- Figure 7a and 7b, page182:

The values for the Hasbani and Baniyas stations are shifted one year to the right (the first value should correspond to year 1944).
- Figure 7c, page 182:

The values for the Dan station are shifted one year to the left (the first value should correspond to year 1945).
- Page184 under “Upper Jordan River-Discharge and Flow Regime”, line 8 should read: “... and Obstacle Bridge for the period **1959-2008**”
- Table 3, page 184, the title should read: “Summary of annual flow volume statistics for the Upper Jordan River (**1948-2008**)”. The title should also be corrected in the list of tables on p.176.
- Page184, onwards, the source for table 3 and figures 9-10 should read:

“Source: Compiled by ESCWA-BGR based on data published by HSI, 1946-2008.”

- Box 1, page 186, replace the sentence: “Today, the lake is Israel’s largest freshwater reservoir, supplying approximately one third of the country’s annual water requirements.^b” with “Today, Israel uses Lake Tiberias as its largest freshwater reservoir and to supply approximately one third of its annual water requirements.^b”
- Page 191, under “Flow Regime Regulation in the Jordan River Basin”, in the second paragraph, the last sentence should read “...in the Mediterranean coastal plain and for irrigation in the Negev (Al Naqab) Desert (table 8 and box 7).”
- Page 191, the source for figure 19 should read:
“Source: Compiled by ESCWA-BGR based on Courcier et al., 2005; GRDC, 2011; **Palestine Irrigation Service, 1944-1946** and HSI, 1946-2008.”
- Figure 23, page 198, the source should read: “Compiled by ESCWA-BGR based on **HSI, 2008**.”
- Table 10, page 207, for Lake Tiberias, the reference “Ministry of Water and Irrigation in Jordan 2002b” should be replaced with “Ministry of Water and Irrigation in Jordan, **2010**”.
- Page 209, third paragraph, the second sentence should read: “This is of particular concern at the baptism site, where observant Christians immerse themselves in the water as part of religious rituals.¹⁴³”
- Page 212, under “Cooperation: Israel & Palestine”, replace “It is charged with overseeing water resources management in the West Bank, excluding Gaza and the Jordan River .¹⁶⁴” with “ The function of the JWC is to deal with all water and sewage related issues in the West Bank.¹⁶⁴”.
- Page 215, note 88 should read “Venot et al., **2006**”.
- In the bibliography, remove the following reference:

Page 217: “Central Bureau of Statistics in the Syrian Arab Republic. 2005. General Census, Population in the Areas and Suburbs 2004. Available at: <http://cbssyr.org/General%20census/census%202004/pop-man.pdf>. Accessed on October 15, 2010.”
- In the bibliography, add the following references:

Page 217: “FAO (Food and Agriculture Organization of the United Nations). 1994. Water Quality for Agriculture. In Irrigation and Drainage Paper 29. Rome. Available at: <http://www.fao.org/DOCREP/003/T0234E/T0234E00.htm>. Accessed on March 11, 2012.”

Page 218: “Howari, F. M. and Banat, K. M. 2002. Hydrochemical Characteristics of Jordan and Yarmouk River Waters: Effect of Natural and Human Activities. Journal of Hydrology and Hydromechanics, 50(1): p. 50-64.”

Page 219: “Lehner, B., Verdin, K. and Jarvis, A. 2008. New Global Hydrography Derived From Spaceborne Elevation Data. EOS, Transactions American Geophysical Union, 89(10): p. 93-94.”

Page 220: “Palestine Irrigation Service. 1944-1946. Water Measurements. Published by the Department of Land Settlement and Water Commissioner. Jerusalem.”

- In the bibliography, the following references should read:

Page 218: “FoEME (**Friends of the Earth Middle East**). 2007. Red-Dead Conduit. Available at: http://foeme.org/www/?module=projects&record_id=51. Accessed on March 21, 2012.”

Page 218: “HSI (Hydrological Service of Israel). 1946-2008. Development of Utilization and Status of Water Resources in Israel 1946-2008 (multiple documents). Jerusalem.”

Page 220: “Morrow, A. 2002. A River Runs Through it. Business Monthly, **Vol 18, No 11**. Available at: http://www.amcham.org.eg/resources_publications/publications/business_monthly/issue.asp?sec=13&subsec=&im=11&iv=2002. Accessed on May 25, 2012.”

Ch.7 Orontes River Basin

- Page 231, under “Annual discharge variability”, paragraph 1, line 8 should read: “... was **946 MCM/yr** between 1964 and 2011”
- Table 2, page 231:
 - The maximum value for Al Omeiry station is **320 MCM**
 - The mean value for Darkosh station is **946 MCM**
 - The minimum value for Darkosh station is **312 MCM**

Ch.8 Nahr el Kabir Basin

- Table 2, page 251, the source for Syria should read: “Central Bureau of Statistics in the Syrian Arab Republic, **2010a**.^b”
- Table 3, page 252:
 - For Hekr al Dahri station: The mean value is **337 MCM** and the maximum value is **854 MCM**
 - The source should read: “Compiled by ESCWA-BGR based on Ministry of Energy and Water in Lebanon, 2011; **NCRS and UN-ESCWA, 2002**.”
- Page 252, under “Annual discharge variability”, paragraph 1, line 5 should read: “... approximately **337 MCM** (1969-2011)”
- Figure 3, page 252:
 - For Hekr al Dahri station for the year 2002: the discharge value is **27 m³/s** (figure 3a), the specific discharge value is **28.5 l/s km²** (figure 3b) and the specific discharge anomaly value is **17** (figure 3c)
 - The source should read: “Compiled by ESCWA-BGR based on data provided by the Ministry of Energy and Water in Lebanon, 2011; **NCRS and UN-ESCWA, 2002**.”
- Figure 4, page 253:
 - For Hekr al Dahri station for February: the mean monthly discharge value is **33 m³/s** (figure 4a)
 - The source should read: “Compiled by ESCWA-BGR based on data provided by the Ministry of Energy and Water in Lebanon, 2011; **NCRS and UN-ESCWA, 2002**.”

- Table 4, page 253, the source should read:

“Compiled by ESCWA-BGR based on Central Bureau of Statistics in the Syrian Arab Republic, **2010b**; Ministry of Energy and Water in Lebanon, 2011.

(a) Available flow data for Ain Es-Safa Spring **covering** the period 1969-2010 **suggests** an average flow rate of 1.4 m³/s.”

- In the bibliography, remove the following references:

Page 260: “Central Bureau of Statistics in the Syrian Arab Republic. 2005. General Census, Population in the Areas and Suburbs 2004. Available at: <http://cbssyr.org/General%20census/census%202004/pop-man.pdf>. Accessed on October 15, 2010.”

Page 260: “Central Bureau of Statistics in the Syrian Arab Republic. 2010. Flow Rates of Main Springs. Available at: <http://cbssyr.org/yearbook/2010/chapter1-EN.htm>. Accessed on September 27, 2011.”

- In the bibliography, add the following references:

Page 260: “Central Bureau of Statistics in the Syrian Arab Republic. 2010a. Estimates of Population Actually Living in Syria by Mohafazat and Sex. Available at: <http://www.cbssyr.org/middle.files/pag1.htm>. Accessed on September 21, 2011.”

Page 260: “Central Bureau of Statistics in the Syrian Arab Republic. 2010b. Flow Rates of Main Springs. Available at: <http://cbssyr.org/yearbook/2010/chapter1-EN.htm>. Accessed on September 27, 2011.”

Ch.9 Qweik River Basin

- Table 2, page 269, the source for Syria should read: “Central Bureau of Statistics in the Syrian Arab Republic, **2010a**.^b”

- In the bibliography, page 276, replace:

“Central Bureau of Statistics in the Syrian Arab Republic. 2005. General Census, Population in the Areas and Suburbs 2004. Available at: <http://cbssyr.org/General%20census/census%202004/pop-man.pdf>. Accessed on October 15, 2010.”

With the following:

“Central Bureau of Statistics in the Syrian Arab Republic. 2010a. Estimates of Population Actually Living in Syria by Mohafazat and Sex. Available at: <http://www.cbssyr.org/middle.files/pag1.htm>. Accessed on September 21, 2011.”

Ch.20 Coastal Aquifer Basin

- In the bibliography, add the following references:

Page 506: “HSI (Hydrological Service of Israel). 2005. Development of Utilization and Status of Water Resources in Israel until Autumn 2004 (in Hebrew). Jerusalem.”

Page 506: “HSI (Hydrological Service of Israel). 2007. Development of Utilization and Status of Water Resources in Israel until Autumn 2006 (in Hebrew). Jerusalem.”