

# DA31620 Adnoddau Dwr a Hydroleg Byd Eang

View Online



---

0341-8162. (n.d.). <http://cadair.aber.ac.uk/dspace/handle/2160/1658>

A., N. (1993). Saddam's Water Wars. *The Geographical Magazine*, 65 (7), 10-14.

Agnew, C., & Anderson, E. W. (1992a). *Water resources in the arid realm: Vol. Routledge physical environment series*. Routledge.

Agnew, C., & Anderson, E. W. (1992b). *Water resources in the arid realm: Vol. Routledge physical environment series*. Routledge.

Allan, J. A. & ebrary, Inc. (2001). *The Middle East water question: hydropolitics and the global economy*. I.B. Tauris. <http://site.ebrary.com/lib/aber/Doc?id=10133122>

Alloway, B. J., & Ayers, D. C. (1993). *Chemical principles of environmental pollution*. Blackie Academic & Professional.

Anderson, M. G., & Burt, T. P. (1990a). *Process studies in hillslope hydrology*. Wiley.

Anderson, M. G., & Burt, T. P. (1990b). *Process studies in hillslope hydrology*. Wiley.

Anderson, M. G., & Burt, T. P. (1990c). *Process studies in hillslope hydrology*. Wiley.

Anderson, M. G., & Burt, T. P. (1990d). *Process studies in hillslope hydrology*. Wiley.

Anderson, M. G., & Burt, T. P. (1990e). *Process studies in hillslope hydrology*. Wiley.

Arnell, N. (1996). *Global warming, river flows and water resources: Vol. Water science series*. Wiley.

Arnell, N. W., & Reynard, N. S. (1996). The effects of climate change due to global warming on river flows in Great Britain. *Journal of Hydrology*, 183(3-4), 397-424. [https://doi.org/10.1016/0022-1694\(95\)02950-8](https://doi.org/10.1016/0022-1694(95)02950-8)

Barlow, M., & Clarke, T. (2003a). *Blue gold: the battle against corporate theft of the world's water*. Earthscan.

Barlow, M., & Clarke, T. (2003b). *Blue gold: the battle against corporate theft of the world's water*. Earthscan.

Beven, K. J. & International Association of Hydrological Sciences. (2006). *Streamflow generation processes: Vol. Benchmark papers in hydrology*. International Association of

## Hydrological Sciences.

Bosch, J. M., & Hewlett, J. D. (1982). A review of catchment experiments to determine the effect of vegetation changes on water yield and evapotranspiration. *Journal of Hydrology*, 55(1-4), 3-23. [https://doi.org/10.1016/0022-1694\(82\)90117-2](https://doi.org/10.1016/0022-1694(82)90117-2)

Britain, G., & Conway, D. (1998). Recent climate variability and future climate change scenarios for. *Progress in Physical Geography*, 22(3), 350-374. <https://doi.org/10.1177/030913339802200303>

Bryan, R. B., & Jones, J. A. A. (1997). The significance of soil piping processes: inventory and prospect. *Geomorphology*, 20(3-4), 209-218. [https://doi.org/10.1016/S0169-555X\(97\)00024-X](https://doi.org/10.1016/S0169-555X(97)00024-X)

Bulloch, J., &  
Darwi

sh,  
'A

dil. (1993a). *Water wars: coming conflicts in the Middle East*. Gollancz.

Bulloch, J., &  
Darwi

sh,  
'A

dil. (1993b). *Water wars: coming conflicts in the Middle East*. Gollancz.

Burt, T. P., & Haycock, N. E. (1992). Catchment planning and the nitrate issue: a U K perspective. *Progress in Physical Geography*, 16(4), 379-404. <https://doi.org/10.1177/030913339201600401>

Burt, T. P., Walling, D. E., & International Geographical Union. (1984). *Catchment experiments in fluvial geomorphology: proceedings of a meeting of the International Geographical Union Commission on Field Experiments in Geomorphology, Exeter and Huddersfield, August 16-24, 1981*. Geo Books.

C, H. (1990). Draining the Rivers Dry. *The Geographical Magazine*, 62 (7), 32-35.

Calder, I. R. (1986). A stochastic model of rainfall interception. *Journal of Hydrology*, 89 (1-2), 65-71. [https://doi.org/10.1016/0022-1694\(86\)90143-5](https://doi.org/10.1016/0022-1694(86)90143-5)

Calow, P., & Petts, G. E. (1994). *The rivers handbook: hydrological and ecological principles*, Vol 2. Blackwell Scientific.

Carson, M. A., & Kirkby, M. J. (1972). *Hillslope form and process: Vol.* Cambridge geographical studies. Cambridge University Press.

Cech, T. V. (2005). *Principles of water resources: history, development, management, and policy* (2nd int. ed). Wiley.

Centre for Ecology and Hydrology: Impact of climatic variability and change on river flow regimes in the UK. (n.d.).  
<http://www.ceh.ac.uk/products/publications/impactofclimaticvariabilityandchangeonriverflowregimesintheuk.html>

Dunne, T. (1980). Formation and controls of channel networks. *Progress in Physical Geography*, 4(2), 211–239. <https://doi.org/10.1177/030913338000400204>

Dunne, T., & Leopold, L. B. (1978). *Water in environmental planning*. W. H. Freeman.

Emmett, W. W. (1970). *The hydraulics of overland flow on hillslopes: Vol. United States Geological Survey. Professional paper. U.S. Govt. Print. Off.*

Evans, R. (n.d.). Run River Run. *The Geographical Magazine*, 66 (7), 17–20.

E.W., A. (1991a). Making Waves on the Nile. *The Geographical Magazine*, 63 (4), 10–13.

E.W., A. (1991b). The Violence of Thirst. *The Geographical Magazine*, 63 (5), 31–34.

E.W., A. (1991c). White Oil. *The Geographical Magazine*, 63 (2), 10–14.

Falkenmark, M., &  
 Rockstro

m, J. (2004). *Balancing water for humans and nature: the new approach in ecohydrology*. Earthscan.

Garci

a-Ruiz, J. M., Jones, J. A. A., &  
 Arna

ez Vadillo, J. (2002a). *Environmental change and water sustainability*. Instituto Pirenaico de Ecologi

a.

Garci

a-Ruiz, J. M., Jones, J. A. A., &  
 Arna

ez Vadillo, J. (2002b). *Environmental change and water sustainability*. Instituto Pirenaico de Ecologi

a.

Geiger, R. (1965). *The climate near the ground* (4th ed). Harvard University Press.

Geoderma. (n.d.). <http://www.sciencedirect.com/science/journal/00167061/18/1-2>

- Gilman, K., & Newson, M. D. (1980). Soil pipes and pipeflow: a hydrological study in upland Wales: Vol. BGRG research monographs. Geo Abstracts.
- Gleick, P. H., Pacific Institute for Studies in Development, Environment, and Security, & Stockholm Environment Institute. (1993). Water in crisis: a guide to the world's fresh water resources. Oxford University Press.
- Gray, N. F. (1994). Drinking water quality: problems and solutions. Wiley.
- Grayson, R., & Blo  
..
- schl, G. (2001). Spatial patterns in catchment hydrology: observations and modelling. Cambridge University Press.
- Gunston, H. (1998). Field hydrology in tropical countries: a practical introduction. Intermediate Technology Publications.
- Higgins, C. G., & Coates, D. R. (1990). Groundwater geomorphology: the role of subsurface water in earth-surface processes and landforms: Vol. Special paper / Geological Society of America. Geological Society of America.
- Hindcasting and forecasting flows for water resource planning using an airflow-index-based weather generator and a hydrological model. (n.d.).  
[http://webcache.googleusercontent.com/search?q=cache:TWAP-TFuMQ4J:hydrologie.org/ACT/CIC/CIC\\_2\\_085.pdf+&cd=1&hl=en&ct=clnk&gl=uk](http://webcache.googleusercontent.com/search?q=cache:TWAP-TFuMQ4J:hydrologie.org/ACT/CIC/CIC_2_085.pdf+&cd=1&hl=en&ct=clnk&gl=uk)
- Holden, J., & Burt, T. P. (2002). Piping and pipeflow in a deep peat catchment. CATENA, 48 (3), 163–199. [https://doi.org/10.1016/S0341-8162\(01\)00189-8](https://doi.org/10.1016/S0341-8162(01)00189-8)
- Hollis, G. E. (1979). Man's impact on the hydrological cycle in the United Kingdom. Geo Abstracts.
- Hollis, G. E. (1993). Hydrological basis of ecologically sound management of soil and groundwater (Proceedings of a Symposium at the XXth General Assembly of the International Union of Geodesy and Geophysics, Vienna, August 1991), edited by H.P. Nachtnebel and K. Kovar, International Association of Hydrological Sciences Publication 202, Wallingford, U.K., 1991. No. of pages: 386. Price \$55. ISBN 0-947571-03-5. Earth Surface Processes and Landforms, 18(5), 473–474.  
<https://doi.org/10.1002/esp.3290180512>
- Holt, C. P., & Jones, J. A. A. (1996). EQUILIBRIUM AND TRANSIENT GLOBAL WARMING SCENARIO IMPLICATIONS FOR WATER RESOURCES IN WALES. Journal of the American Water Resources Association, 32(4), 711–721.  
<https://doi.org/10.1111/j.1752-1688.1996.tb03468.x>
- Hornung, M., Skeffington, R. A., Institute of Terrestrial Ecology, British Ecological Society, & Natural Environment Research Council (Great Britain). (1993). Critical loads: concept and applications: proceedings of a conference held on 12-14 February 1992 in Grange-over-Sands: Vol. ITE symposium. HMSO.
- Huang, G. H., & Xia, J. (2001). Barriers to sustainable water-quality management. Journal of

Environmental Management, 61(1), 1–23. <https://doi.org/10.1006/jema.2000.0394>

HUDSON, J. A. (1988). The contribution of soil moisture storage to the water balances of upland forested and grassland catchments. *Hydrological Sciences Journal*, 33(3), 289–309. <https://doi.org/10.1080/02626668809491249>

Hudson, J. A., & Gilman, K. (1993). Long-term variability in the water balances of the Plynlimon catchments. *Journal of Hydrology*, 143(3–4), 355–380. [https://doi.org/10.1016/0022-1694\(93\)90199-j](https://doi.org/10.1016/0022-1694(93)90199-j)

Hydrological Processes. (n.d.-a). Volume 14(Issue 4). [http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1099-1085\(200003\)14:4%3C%3E1.0.CO;2-C/issuetoc](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1099-1085(200003)14:4%3C%3E1.0.CO;2-C/issuetoc)

Hydrological Processes. (n.d.-b). Volume 16(Issue 6). <http://onlinelibrary.wiley.com/doi/10.1002/hyp.v16:6/issuetoc>

Inter-Celtic colloquium on hydrology and management of water resources. (2002). Celtic water in a European framework: pointing the way to quality : the third inter-Celtic colloquium on hydrology and management of water resources, National University of Ireland, Galway, 8th-10th July 2002. National University of Ireland, Galway, Department of Hydrology.

J, H. (1994). Living with the Landscape. *The Geographical Magazine*, 60 (7), 24–27.

J, J. (2004). Barriers and solutions to sustainable water resources in Africa. *GeoJournal*, 61 (1). <https://doi.org/10.1007/sGEJO-004-1212-2>

Jones, J. A. A. (1987a). The effects of soil piping on contributing areas and erosion patterns. *Earth Surface Processes and Landforms*, 12(3), 229–248. <https://doi.org/10.1002/esp.3290120303>

Jones, J. A. A. (1987b). The initiation of natural drainage networks. *Progress in Physical Geography*, 11(2), 207–245. <https://doi.org/10.1177/030913338701100203>

Jones, J. A. A. (1988). Modelling pipeflow contributions to stream runoff. *Hydrological Processes*, 2(1), 1–17. <https://doi.org/10.1002/hyp.3360020102>

Jones, J. A. A. (1996a). Regional hydrological response to climate change: Vol. *GeoJournal library*. Kluwer Academic Publishers.

Jones, J. A. A. (1996b). Regional hydrological response to climate change: Vol. *GeoJournal library*. Kluwer Academic Publishers.

Jones, J. A. A. (1996c). Regional hydrological response to climate change: Vol. *GeoJournal library*. Kluwer Academic Publishers.

Jones, J. A. A. (1996d). Regional hydrological response to climate change: Vol. *GeoJournal library*. Kluwer Academic Publishers.

Jones, J. A. A. (1996e). Regional hydrological response to climate change: Vol. *GeoJournal library*. Kluwer Academic Publishers.

- Jones, J. A. A. (1996f). Regional hydrological response to climate change: Vol. GeoJournal library. Kluwer Academic Publishers.
- Jones, J. A. A. (1997a). Global hydrology: processes, resources and environmental management. Longman.
- Jones, J. A. A. (1997b). Global hydrology: processes, resources and environmental management. Longman.
- JONES, J. A. A. (1997). PIPEFLOW CONTRIBUTING AREAS AND RUNOFF RESPONSE. *Hydrological Processes*, 11(1), 35-41.  
[https://doi.org/10.1002/\(SICI\)1099-1085\(199701\)11:1<35::AID-HYP401>3.0.CO;2-B](https://doi.org/10.1002/(SICI)1099-1085(199701)11:1<35::AID-HYP401>3.0.CO;2-B)
- Jones, J. A. A. (1997c). The role of natural pipeflow in hillslope drainage and erosion: Extrapolating from the Maesnant data. *Physics and Chemistry of the Earth*, 22(3-4), 303-308. [https://doi.org/10.1016/S0079-1946\(97\)00149-3](https://doi.org/10.1016/S0079-1946(97)00149-3)
- JONES, J. A. A. (1999). Climate change and sustainable water resources: placing the threat of global warming in perspective. *Hydrological Sciences Journal*, 44(4), 541-557.  
<https://doi.org/10.1080/02626669909492251>
- Jones, J. A. A. (2004). Implications of natural soil piping for basin management in upland Britain. *Land Degradation & Development*, 15(3), 325-349. <https://doi.org/10.1002/ldr.618>
- Jones, J. A. A. (2010a). *Water sustainability: a global perspective*. Hodder Education.
- Jones, J. A. A. (2010b). *Water sustainability: a global perspective*. Hodder Education.
- Jones, J. A. A., & Connelly, L. J. (2002). A semi-distributed simulation model for natural pipeflow. *Journal of Hydrology*, 262(1-4), 28-49.  
[https://doi.org/10.1016/S0022-1694\(02\)00018-5](https://doi.org/10.1016/S0022-1694(02)00018-5)
- Jones, J. A. A., Gilman, K., Jigorel, A., & Griffin, J. (2000). *Water in the Celtic World: managing resources for the 21st Century / 2nd Inter-Celtic Colloquium University of Wales Aberystwyth 3rd-7th July 2000: Vol. BHS Occasional Paper*. Wallingford.
- Jones, J. A. A., Richardson, J. M., & Jacob, H. J. (1997). Factors controlling the distribution of piping in Britain: a reconnaissance. *Geomorphology*, 20(3-4), 289-306.  
[https://doi.org/10.1016/S0169-555X\(97\)00030-5](https://doi.org/10.1016/S0169-555X(97)00030-5)
- Jones, J. A. A., Vardanian, T. G., & International Year of Fresh Water (2003). (2004). *The rational use and conservation of water resources in a changing environment*. Yerevan State University Press.
- Jones, J. A. A., & Woo, M.-K. (2002a). Modelling the impact of climate change on hydrological regimes. *Hydrological Processes*, 16(6), 1135-1135.  
<https://doi.org/10.1002/hyp.1053>
- Jones, J. A. A., & Woo, M.-K. (2002b). Modelling the impact of climate change on hydrological regimes. *Hydrological Processes*, 16(6), 1135-1135.  
<https://doi.org/10.1002/hyp.1053>

Jones, J. J. A. (1986). Some limitations to the a/s index for predicting basin - wide patterns of soil water drainage. Zeitschrift

Fu

r Geomorphologie: Annals of Geomorphology. Annales de  
Ge

omorphologie, Zeitschrift fur Geomorphology Supplementband 60, 7-20.

Keith Beven. (1993). Riverine Flooding in a Warmer Britain. The Geographical Journal, 159 (2), 157-161. [http://www.jstor.org/stable/3451405?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/3451405?seq=1#page_scan_tab_contents)

Kinnersley, D. (1994). Coming clean. Penguin.

Kirby, C. (1979). Water in Great Britain: Vol. A pelican original. Penguin.

Kirkby, M. J. (1978a). Hillslope hydrology: Vol. Landscape systems: a series in geomorphology. Wiley.

Kirkby, M. J. (1978b). Hillslope hydrology: Vol. Landscape systems: a series in geomorphology. Wiley.

Kirkby, M. J. (1978c). Hillslope hydrology: Vol. Landscape systems: a series in geomorphology. Wiley.

Kirkby, M. J. (1978d). Hillslope hydrology: Vol. Landscape systems: a series in geomorphology. Wiley.

Lewin, J. (1981). British rivers. Allen and Unwin.

McDonald, A. T., & Kay, D. (1988). Water resources: issues and strategies: Vol. Themes in resource management. Longman Scientific & Technical.

McEldowney, S., Hardman, D. J., & Waite, S. (1993). Pollution: ecology and biotreatment. Longman Scientific & Technical.

Microsoft Word - 18 JAA Jones\_mmr\_ac.doc - 18.PDF. (n.d.).  
<http://www.aprh.pt/celtico/PAPERS/18.PDF>

Ming-ko Woo. (2002). Preface Coping with hydrological extremes. Mitigation and Adaptation Strategies for Global Change, 7(Issue 3), 201-202.  
<http://link.springer.com/article/10.1023%2FA%3A1024431712512?LI=true>

Morton, F. I. (1984). What are the limits on forest evaporation? Journal of Hydrology, 74 (3-4), 373-398. [https://doi.org/10.1016/0022-1694\(84\)90025-8](https://doi.org/10.1016/0022-1694(84)90025-8)

National Rivers Authority. (1994). Water: Nature's precious resource ; an environmentally sustainable water resources development strategy for England and Wales. National Rivers Authority.

Newson, M. D. (1992a). Land, water and development: river basin systems and their sustainable management: Vol. Routledge natural environment-problems and management

series. Routledge.

Newson, M. D. (1992b). Land, water and development: river basin systems and their sustainable management: Vol. Routledge natural environment-problems and management series. Routledge.

Newson, M. D., & Calder, I. R. (n.d.). Forests and water resources: problems of prediction on a regional scale. <http://rstb.royalsocietypublishing.org/content/324/1223/283>

Nieber, J. L., & Warner, G. S. (1991). Soil pipe contribution to steady subsurface stormflow. *Hydrological Processes*, 5(4), 329–344. <https://doi.org/10.1002/hyp.3360050402>

Pilling, C. G. (1999). Modelling the hydrological impacts of climate change on British runoff. University of Wales Aberystwyth.

Pilling, C., & Jones, J. A. A. (1999). High resolution climate change scenarios: implications for British runoff. *Hydrological Processes*, 13(17), 2877–2895. [https://doi.org/10.1002/\(SICI\)1099-1085\(19991215\)13:17<2877::AID-HYP904>3.0.CO;2-G](https://doi.org/10.1002/(SICI)1099-1085(19991215)13:17<2877::AID-HYP904>3.0.CO;2-G)

Postel, S. (1992). The last oasis: facing water scarcity: Vol. Worldwatch environmental alert series. Earthscan.

Reisner, M. (1993). Cadillac desert: the American West and its disappearing water (Rev. and updated). Penguin Books.

Roberge, J., & Plamondon, A. P. (1987). Snowmelt runoff pathways in a boreal forest hillslope, the role of pipe throughflow. *Journal of Hydrology*, 95(1–2), 39–54. [https://doi.org/10.1016/0022-1694\(87\)90114-4](https://doi.org/10.1016/0022-1694(87)90114-4)

Rodda, J. C., Ubertini, L., International Association of Hydrological Sciences, & Basis of civilization - water science symposium. (2004). The basis of civilization - water science? Vol. IAHS Publications. International Association of Hydrological Sciences.

Rosbjerg, D. & International Association of Hydrological Sciences. (1997). Sustainability of water resources under increasing uncertainty: Vol. IAHS publication. International Association of Hydrological Sciences.

Royal Geographical Society. (n.d.). A Tale of Death and Destruction. *The Geographical Magazine*.

Saiko, T., & Zonn, I. (n.d.). Deserting a Dying Sea. *The Geographical Magazine*, 66 (7), 12–15.

Shaw, E. M. (1994a). *Hydrology in practice* (3rd ed). Chapman & Hall.

Shaw, E. M. (1994b). *Hydrology in practice* (3rd ed). Chapman & Hall.

Shaw, E. M. (2011). *Hydrology in practice* (4th ed). Spon.

Simonovic, S. P., International Union of Geodesy and Geophysics, & IAHS International Commission on Water Resources Systems. (1995). Modelling and management of



sustainable basin-scale water resource systems: Vol. IAHS publication. International Association of Hydrological Sciences.

SKLASH, M. G., BEVEN, K. J., GILMAN, K., & DARLING, W. G. (1996). ISOTOPE STUDIES OF PIPEFLOW AT PLYNLIMON, WALES, UK. *Hydrological Processes*, 10(7), 921-944. [https://doi.org/10.1002/\(SICI\)1099-1085\(199607\)10:7<921::AID-HYP347>3.0.CO;2-B](https://doi.org/10.1002/(SICI)1099-1085(199607)10:7<921::AID-HYP347>3.0.CO;2-B)

Stoddart, D. R. (1997). *Process and form in geomorphology*. Routledge.

Swanson, R. H., Bernier, P. Y., Woodard, P. D., International Union of Forestry Research Organizations, Society of American Foresters, International Association of Hydrological Sciences, IAHS International Commission on Water Quality, IAHS International Commission on Surface Water, IAHS International Commission on Continental Erosion, & International Union of Geodesy and Geophysics. (1987). *Forest hydrology and watershed management: proceedings of an international symposium held during the XIXth General Assembly of the International Union of Geodesy and Geophysics at Vancouver, British Columbia, Canada, 9-22 August 1987: Vol. IAHS publications*. International Association of Hydrological Sciences.

Thomas, C., & Howlett, D. A. (1993a). *Resource politics: freshwater and regional relations*. Open University Press.

Thomas, C., & Howlett, D. A. (1993b). *Resource politics: freshwater and regional relations*. Open University Press.

Trimble, S. W., Weirich, F. H., & Hoag, B. L. (1987). Reforestation and the reduction of water yield on the Southern Piedmont since circa 1940. *Water Resources Research*, 23(3), 425-437. <https://doi.org/10.1029/WR023i003p00425>

Walsh, R. P. D., & Howells, K. A. (1988). Soil pipes and their role in runoff generation and chemical denudation in a humid tropical catchment in dominica. *Earth Surface Processes and Landforms*, 13(1), 9-17. <https://doi.org/10.1002/esp.3290130103>

Ward, R. C., & Robinson, M. (1999). *Principles of hydrology* (4th ed). McGraw-Hill.

Wellburn, A. (1994). *Air pollution and climate change: the biological impact* (2nd ed). Longman Scientific & Technical.

Wheater, H., Kirby, C., & British Hydrological Society. (1998). *Hydrology in a changing environment: proceedings of the British Hydrological Society International Conference, Exeter, July 1998*. Wiley.

Wiley: *Acidification of Freshwater Ecosystems: Implications for the Future* - C. E. W. Steinberg, R. F. Wright. (n.d.). <http://eu.wiley.com/WileyCDA/WileyTitle/productCd-0471942065.html>

World Commission on Dams. (2000). *Dams and development: a new framework for decision-making: the report of the World Commission on Dams*. Earthscan.

Yair, A., Lavee, H., Bryan, R. B., & Adar, E. (1980). Runoff and erosion processes and rates in the Zin valley badlands, northern Negev, Israel. *Earth Surface Processes*, 5(3), 205-225. <https://doi.org/10.1002/esp.3760050301>