Editors' Message: Eminent hydrogeologists profiled in 20 years of *Hydrogeology Journal* (1992–2012)

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Since the early days of *Hydrogeology Journal* (*HJ*), when the journal was called *Applied Hydrogeology*, articles have been published that acknowledge the accomplishments of men and women who have been prominent in the science of hydrogeology. The intention has been to record the careers and work of eminent hydrogeologists, either of international renown or who have made significant contributions within their own countries. Their impact has been felt through development programs, through teaching, or whilst conducting research and hydrogeological studies that substantially enhance hydrogeologic science or the hydrogeology of a country (Wilson 1997).

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To be considered as a subject, the career of the eminent hydrogeologist must be essentially completed due to retirement from active participation in the profession, or the hydrogeologist is deceased. Articles focus on the hydrogeologic activities and accomplishments of these people and on the impact they have had on colleagues and on the science. Thus, history has been recorded in *HJ* through descriptions of the careers of those who developed our science, in countries across the globe, from the 1730s to the present day.

Since the start of the journal's publication in 1992, 32 such articles have been published (to end of 2012). The majority are in the article category "Profiles of Eminent Hydrogeologists" and several have been the subject of editorial messages. In addition, for some who have been profiled in *HJ* (and for some others), video recordings of interviews are freely available online via the International Association of Hydrogeologists (IAH) Hydrogeologist Time Capsule website (<http://timecapsule.iah.org>; Simmons and Renard 2008, 2010).

Table 1 lists the eminent hydrogeologists who have been profiled so far (1992 to 2012). These articles have all been unsolicited, contributed at the initiative of the authors. Eminent hydrogeologists are represented from Asia (India, China, Kazakhstan, Georgia, Iran, and Russia), North and South America (Argentina, Mexico, and USA), and Europe (Austria, France, Germany, Italy, The Netherlands and UK). Global coverage and sharing of hydrogeologic experience and innovation is an objective of these articles and there is no doubt that other hydrogeologists, unlisted as yet, deserve to be recorded in this series. The *HJ* editorial team would be pleased to receive nominations for eminent hydrogeologists and for potential authors of these Profiles (contact Clifford Voss, cvoss@usgs.gov).

Table 1 Articles in *Hydrogeology Journal* that relate to eminent hydrogeologists (1992–2012). Arranged by continent

Region ^a	Eminent hydrogeologist ^b	Article title	Reference	Keywords [^c]
Europe	Joseph Elkington (1739–1806), John Johnstone (~1796), John Wedge (~1794), James Anderson (1739–1808), Francis Russell (1765–1802), John Farey (1766–1826), William Smith (1769–1839)	British land drainers: their place among pre-Darcy forefathers of applied hydrogeology	Stephens and Stephens 2006	Profiles, applied hydrogeology, conceptual models, agriculture, Great Britain, [UK]
	Baron Friedrich H.A. von Humboldt (1769–1859), Dominique-François J. Arago (1786–1853)	Humboldt, Arago, and the temperature of groundwater	Davis 1999	Profiles, groundwater temperature [France, Germany]
	Henry Darcy (1803–1858)	Profiles of eminent hydrogeologists: Henry Darcy 1803–1858	Freeze 1994	[France, Darcy]
		Happy 200th birthday Mr Darcy and our thanks for your law! A tribute editorial celebrating the life and times of the father of our science, Henry Darcy (1803–1858)	Simmons 2003	[France, Darcy]
		Henry Darcy in his own words	Boback 2006	Profile, Darcy, Dijon, France, water supply
		Henry Darcy (1803–1858): Immortalised by his scientific legacy	Simmons 2008	Profiles, history of hydrogeology, Henry Darcy, Darcy's Law, France, Dijon
	Jean-Baptiste de Lamarck (b. 1744), Joseph Lucas (1846–1926)	Joseph Lucas and the term “hydrogeology”	Mather 2001	General hydrogeology, profiles (of eminent hydrogeologists), history of hydrogeology, [Britain/UK, France]
	Willem Badon Ghijben (1845–1907), Johan M.K. Pennink (1851–1936)	Willem Badon Ghijben and Johan M.K. Pennink: pioneers of coastal-dune hydrology	de Vries 1994	[The Netherlands]
	Konrad Keilhack (1858–1944)	Konrad Keilhack: Pioneer of German Hydrogeology	Loehnert 1997	[Germany]
	Samuel Mandel (1918–1995)	Samuel Mandel: International Teacher of Hydrogeology	Limaye 1997	[Austria]
	Werner Käss (b. 1924)	A conversation with Werner Käss (Germany) about his contributions to tracer hydrogeology and characterisation of mineral waters and spas	Goldscheider and Goeppert 2009	Profiles, interview, tracer tests, thermal and mineral water, Germany
	Costantino Faillace (b. 1925)	Costantino Faillace: Philanthropic hydrogeologist	Limaye 1998	India, Italy, drinking groundwater development, water supply
Asia	Nestor I. Tolstihin (1896–1992)	N.I. Tolstihin, a patriarch of Russian hydrogeology	Zaltsberg 1995	[Russia, permafrost]
	Gerasim Bogomolov (1905–1981)	Academician G. Bogomolov (1905–1981)	Zaltsberg and Chaban 2006	Profiles, drilling, groundwater resources, water supply, Russia
	Joseph Buachidze (b. 1906)	Joseph Buachidze: Eminent patriarch of the Georgian hydrogeological community	Zektser and Varazashvili 2000	Georgia, profiles, general hydrogeology, groundwater exploration, groundwater development
	Daji Ganesh Limaye (1909–1990)	D. G. Limaye — a pioneer in hard-rock hydrogeology in India	Deolanker 1996	[India]
	Boris I. Kudelin (1910–1972) ^d	B.I. Kudelin: a pioneer of regional evaluation of groundwater resources in Russia	Zaltsberg 2012	Profile, Russia, groundwater/surface-water relations, groundwater resources, groundwater mapping

Table 1 (continued)

Region ^a	Eminent hydrogeologist ^b	Article title	Reference	Keywords [^c]
	Alexei Konopliantsev (b. 1912)	Alexei Konopliantsev: A doyen of the Russian hydrogeological community	Zaltsberg 1999	Russia, profiles, groundwater monitoring, groundwater statistics
	Ufa M. Akhmedsafin (1912–1984)	U.M. Akhmedsafin: a founder of hydrogeological science in Kazakhstan	Danilov-Danilyan 2012	Kazakhstan, profiles, groundwater exploration, hydrogeology of arid regions, mapping
	Vladimir A. Kiryukhin (b.1930)	V.A. Kiryukhin, one of the last champions of regional hydrogeology (Russia)	Zaltsberg 2010	Russia, profiles
	Brij B.S. Singhal (b. 1931)	BBS Singhal: a legend in Indian hydrogeology	Naik and Singhal 2004	[India, geoscience, fractured rocks]
	Yuan Daoxian (b.1933) ^c	Yuan Daoxian: an interview with a distinguished hydrogeologist from China	Goldscheider et al 2008	Profiles, interview, China
	Ezatollah Raeisi (b. 1944)	Ezatollah Raeisi: Iran's foremost professor of hydrogeology	Kazemi 2011	Profiles, Iran
	Oktaviy Lange (~1950), Boris I. Kudelin (1910–1972), Vsevolod Shestakov (~1960), Vladimir Vsevolozhsky (~1980)	Fifty years of Moscow University's Department of Hydrogeology	Zaltsberg and Gogolev 2003	[Russia]
North America	T.C. Chamberlin (1843–1928)	T.C. Chamberlin, early American hydrogeologist	Back 1996	[USA]
	Oscar E. Meinzer (1876–1948)	Oscar E. Meinzer — father of modern groundwater hydrology in the United States	Meyer 1995	[USA]
	Charles Vernon Theis (1900–1987) ^c	An interview with C.V. Theis	Bredehoeft 2008	Profiles, history of hydrogeology, [USA]
	Eugene S. Simpson (1917–1995)	Editorial: Tribute to Eugene S. Simpson	Neuman and Campana 1998	Profiles, Hydrogeology Journal, editorial, [USA]
	Paul Witherspoon (b. 1919) ^c	An interview with Paul Witherspoon, distinguished hydrogeologist from the USA	Freeze and Javandel 2008	Profiles, interview, USA, Sweden
	Robert N. Farvolden (1928–1995)	Robert N. Farvolden —Pioneering contributions in Mexican hydrogeology	Cortes and Durazo 2000	Profiles, general hydrogeology, Mexico
	William B. White (b. 1934) ^c Elizabeth L. White (b. 1936) ^c	William B. White and Elizabeth L. White (USA): their contributions to karst hydrogeology discussed in an interview	Goldscheider et al 2009	Profiles, interview, USA, karst, caves
South America	Eduardo Usunoff (1954?–2008)	Editors' message: Eduardo Usunoff	Rodríguez and Vives 2008	Hydrogeology Journal, Argentina, profiles

^a Region from which the eminent hydrogeologist originated

^b (Year of birth and death); b. = born; ~≈approximate year/s of active career (birth/death not recorded).

^c Keywords in brackets are added keywords (not originally designated)

^d See also Zaltsberg and Gogolev (2003) article *Fifty years of Moscow University's Department of Hydrogeology*

^e See also The Hydrogeologist Time Capsule (Simmons and Renard 2008, 2010). Eminent hydrogeologists that have been the subject of an interview, but for which there is not yet a published 'profile' in *Hydrogeology Journal*, also include: Jacob Bear, Gedeon Dagan, Shlomo P. Neuman, and József Tóth

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