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| Date | Name | Relevance to Clay and Critical Zone Science |
| 470-399 BCE | [Socrates](http://en.wikipedia.org/wiki/Socrates) | Western philosophy |
| 428-348 BCE | [Plato](http://en.wikipedia.org/wiki/Plato) | Logic, ethics, mathematics, |
| 384-322 BCE | [Aristotle](http://en.wikipedia.org/wiki/Aristotle) | Physics, biology, logic |
| 23-79 AD | [Pliny the Elder](http://en.wikipedia.org/wiki/Pliny_the_Elder#Natural_History) | Mineral mining |
| ~360-415 AD | [Hypatia](http://en.wikipedia.org/wiki/Hypatia) | Female in mathematics and philosophy |
| 980-1037 AD | [Ibn Sina](http://en.wikipedia.org/wiki/Avicenna) | Medicinal uses of minerals |
| 1020–1101 AD | [Su Song](http://en.wikipedia.org/wiki/Su_Song) | Medicinal uses of minerals |
| 1031–1095 AD | [Shen Kuo](http://en.wikipedia.org/wiki/Shen_Kuo) | Geomorphology, climate change |
| Circa 1227 AD | [He (Chinese kiln master)](http://elements.geoscienceworld.org/content/10/3.toc.pdf) | Mastered porcelain production |
| 1494-1555 AD | [Georgius Agricola](http://en.wikipedia.org/wiki/Georgius_Agricola) | Ore formation and rock water interaction |
| 1564-1642 AD | [Galileo Galilei](http://en.wikipedia.org/wiki/Galileo_Galilei) | Kinematics and strength of materials |
| 1638-1686 AD | [Nicolas Steno](http://en.wikipedia.org/wiki/Nicolas_Steno) | Crystallographic rules |
| 1642-1726 AD | [Sir Isaac Newton](http://en.wikipedia.org/wiki/Isaac_Newton) | Mathematics of viscosity, visible spectrum |
| 1726-1797 AD | [James Hutton](http://en.wikipedia.org/wiki/James_Hutton) | Geologist – tenants of geology |
| 1778-1779 AD | [Christoph T. Delius](http://de.wikipedia.org/wiki/Christoph_Traugott_Delius) | Ore geologist |
| 1730-1795 AD | [Josiah Wedgwood](http://en.wikipedia.org/wiki/Josiah_Wedgwood) | Potter and industrial ceramic production |
| 1778-1852 AD | [Ferdinand F. Ruess](http://en.wikipedia.org/wiki/Electrophoresis) | Electrophoretic mobility of clays |
| 1803-1873 AD | [Justus von Liebig](http://en.wikipedia.org/wiki/Justus_von_Liebig) | Clay soil nutrients |
| 1814-1852 AD | [Jacques-Joseph Ebelmen](http://en.wikipedia.org/wiki/Jacques-Joseph_Ebelmen) | Chemical weathering |
| 1820-1883 AD | [John Thomas Way](http://global.britannica.com/EBchecked/topic/638051/John-T-Way) | Cation exchange of clays |
| 1823-1901 AD | [Joseph LeConte](http://en.wikipedia.org/wiki/Joseph_LeConte) | Geologist and Naturalist |
| 1824-1919 AD | [J.J. Theophile Schlösing](http://www.academie-sciences.fr/activite/archive/dossiers/eloges/schloesing_vol3272.pdf) | Clay Fractionation |
| 1830-1910 AD | [Jakob M. van Bemmelen](http://www.uni-kiel.de/anorg/lagaly/group/klausSchiver/bemmelen.pdf) | Adsorption of clays |
| 1839-1903 AD | [Josiah W. Gibbs](http://en.wikipedia.org/wiki/Josiah_Willard_Gibbs) | Chemical Thermodynamics |
| 1845-1923 AD | [Wilhelm Röntgen](http://en.wikipedia.org/wiki/Wilhelm_R%C3%B6ntgen) | Discovers X-rays |
| 1846-1903 AD | [Vasily Dokuchaev](http://en.wikipedia.org/wiki/Vasily_Dokuchaev) | Soil Scientist – clay nutrient relations |
| 1846-1916 AD | [Albert M. Atterberg](mailto:http://en.wikipedia.org/wiki/Albert_Atterberg) | Clay and soil classification |
| 1887-1931 AD | [Frank W. Clarke](http://en.wikipedia.org/wiki/Frank_Wigglesworth_Clarke) | Geochemist |
| 1850-1936 AD | [Henri L. Le Chatelier](http://en.wikipedia.org/wiki/Henry_Louis_Le_Ch%C3%A2telier) | Clay thermal properties |
| 1862-1942 AD | [William H. Bragg](http://en.wikipedia.org/wiki/William_Henry_Bragg) | X-ray crystal structures |
| 1863-1945 AD | [Vladimir Vernadsky](http://en.wikipedia.org/wiki/Vladimir_Vernadsky) | Geochemist |
| 1863-1935 AD | [Curtis F. Marbut](http://en.wikipedia.org/wiki/Curtis_F._Marbut) | Soil Scientist |
| 1867-1934 AD | [Marie Curie](http://en.wikipedia.org/wiki/Marie_Curie) | Chemist - Radioactivity discoveries |
| 1871-1951 AD | [Heinrich Ries](http://en.wikipedia.org/wiki/Heinrich_Ries) | Economic geologist |
| 1871-1955 AD | [Arthur G. Tansley](http://en.wikipedia.org/wiki/Arthur_Tansley) | Ecologists – Ecosystem science |
| 1878-1935 AD | [Totahiko Terada](http://en.wikipedia.org/wiki/Torahiko_Terada) | X-ray crystal structures |
| 1875-1957 AD | [William H. Twenhofel](http://www.geology.wisc.edu/outcrop/2000/00_pdfs/archivist.pdf) | Sedimentologist – shale deposit origins |
| ~1875 AD | [Julia Pearce](http://www.womeninsoils.org/womensci.html) | Soil map making |
| 1879-1960 AD | [Max von Laue](http://en.wikipedia.org/wiki/Max_von_Laue) | Discovers X-ray diffraction |
| 1880-1975 AD | [Clarence S. Ross](http://www.minsocam.org/ammin/AM61/AM61_534.pdf) | Bentonites and volcanics |
| 1988-1947 AD | [Victor M. Goldschmidt](http://en.wikipedia.org/wiki/Victor_Goldschmidt) | Geochemist – nature of elements |
| 1890-1971 AD | [William L. Bragg](http://en.wikipedia.org/wiki/William_Lawrence_Bragg) | X-ray crystal structures |
| 1980-1987 AD | [James A. Prescott](http://adb.anu.edu.au/biography/prescott-james-arthur-15530) | Agricultural Chemist – soil fertility |
| 1894-1945 AD | [Roscoe G. Dickinson](http://en.wikipedia.org/wiki/Roscoe_G._Dickinson) | X-ray mineralogy |
| 1897-1985 AD | [Francis P. Shepard](http://en.wikipedia.org/wiki/Francis_Parker_Shepard) | Marine Geologist – origin of turbidites |
| 1897-1981 AD | [Paul F. Kerr](http://www.minsocam.org/ammin/AM50/AM50_1548.pdf) | X-ray clay mineralogy |
| 1899-1992 AD | [Hans Jenny](http://en.wikipedia.org/wiki/Hans_Jenny_%28pedologist%29) | Pedologist – soil forming factors |
| ~1900 AD | [Mary Baldwin](http://www.womeninsoils.org/womensci.html) | Soil mapping |
| 1900-1983 AD | [Dorothy Nickerson](http://en.wikipedia.org/wiki/Dorothy_Nickerson) | Munsell Color charts for soil classification |
| 1900-2001 AD | [Walter D. Keller](http://claymin.geoscienceworld.org/content/37/3/571.full) | Clay Mineralogist |
| 1901-1994 AD | [Linus Pauling](http://en.wikipedia.org/wiki/Linus_Pauling) | X-ray mineralogy of micas |
| 1902-1989 AD | [Ralph E. Grim](http://www.minsocam.org/ammin/AM75/AM75_1229.pdf) | Clay Mineralogist – textbook and teaching |
| 1902-1966 AD | [Jose M.A. Herrera](http://www.minersoc.org/pages/Archive-CM/Volume_7/7-1-127.pdf) | Soil Scientist |
| 1904-1999 AD | [Francis J. Pettijohn](http://en.wikipedia.org/wiki/Francis_J._Pettijohn) | Geologist – sandstones and shales |
| 1905-1983 AD | [George W. Brindley](http://www.minsocam.org/ammin/AM71/AM71_1058.pdf) | Clay Mineralogist |
| 1907-1970 AD | [Dorothy Carroll](http://www.minsocam.org/ammin/AM57/AM57_631.pdf) | Clay Mineralogist |
| 1910-2003 AD | [Konrad B. Krauskopt](http://www.amphilsoc.org/sites/default/files/proceedings/490312.pdf) | Geochemist |
| 1910-1985 AD | [Richards A Rowland](http://www.minsocam.org/ammin/AM71/AM71_1053.pdf) | Clay Mineralogist |
| 1913-2002 AD | [Eugene Odum](http://en.wikipedia.org/wiki/Eugene_Odum) | Ecologist – ecosystem science |
| 1914-2002 AD | [Marion L. Jackson](https://books.google.com.tr/books?id=VcEOK9QCkVEC&lpg=PA893&dq=marion%20l.%20jackson%20clay%20obituary&pg=PA893#v=onepage&q=marion%20l.%20jackson%20clay%20obituary&f=false) | Clay Mineralogist – soil clay methods |
| 1916-1988 AD | [Robert M. Garrels](http://en.wikipedia.org/wiki/Robert_Garrels) | Geochemist – silicate weathering |
| 1919-1994 AD | [Sturges W. Bailey](http://www.geology.wisc.edu/~xray/bailey_res.html) | Clay Mineralogist – phyllosilicate structures |
| 1920-1958 AD | [Rosiland Franklin](http://en.wikipedia.org/wiki/Rosalind_Franklin) | Crystallographer – structure of DNA |
| 1922-2005 AD | [Joe L. White](http://www.elementsmagazine.org/archives/e2_1/e2_1_sn_clayminsoc.pdf) | Clay Mineralogist –soil chemistry and pharmaceuticals |
| 1923-2006 AD | [Vernon J. Hurst](http://www.gly.uga.edu/railsback/UGAGeolHistHurst.html) | Clay Mineralogist – origin of kaolins |
| 1923-2013 AD | [Max M. Mortland](http://ccm.geoscienceworld.org/content/61/4/392.full.pdf+html) | Soil Scientist – clay mineral intercalations |
| 1923-2014 AD | [Jose J. Fripiat](http://en.wikipedia.org/wiki/Jos%C3%A9_J._Fripiat) | Soil Physicist –surface chemistry of clays |
| 1924-2015 AD | [Haydn H. Murray](http://www.legacy.com/obituaries/indystar/obituary.aspx?pid=174104825) | Clay Mineralogist – industrial clays |
| 1925- AD | [Keith Norrish](http://www.eoas.info/biogs/P003804b.htm) | Clay Mineralogist – chemistry of clays |
| 1925- AD | [Charles E. Weaver](http://www.clays.org/journal/archive/volume%2034/34-1-111.pdf) | Clay Mineralogist – clays, muds, shales |
| 1926- AD | [Lisa Heller-Kallai](mailto:http://link.springer.com/article/10.1007%252FBF02546986%23page-1) | Clay Mineralogist – physical chemistry |
| 1927-2016 AD | [Udo Schwertmann](http://de.wikipedia.org/wiki/Udo_Schwertmann) | Soil Scientist – iron oxides |
| 1927-2004 AD | [Robert C. Reynolds](http://www.clays.org/CMS%20News%20Archive/Bob%20Reynolds%20Interview.pdf) | Clay Mineralogist – mixed-layer clays |
| 1927-1983 AD | [John Hower](http://www.clays.org/journal/archive/volume%2034/34-4-357.pdf) | Clay Mineralogist – illite formation |
| 1927-2012 AD | [Heinrich Holland](http://en.wikipedia.org/wiki/Heinrich_Holland) | Geochemist – early earth weathering |
| 1927-2013 AD | [Karl K. Turekian](http://www.annualreviews.org/doi/pdf/10.1146/annurev.earth.34.031405.125111) | Geochemist – ocean / planetary chemistry |
| 1931-2007 AD | [Harold C. Helgeson](http://www.elementsmagazine.org/archives/e3_4/e3_4_dep_obituary.pdf) | Geochemist - thermodynamics |
| 1933-2014 AD | [Richard W. Berry](http://ccm.geoscienceworld.org/content/62/1/74.full.pdf+html) | Clay Mineralogist – outreach and education |
| 1933- AD | [Malcolm E. Sumner](mailto:http://www.sasta.co.za/wp-content/uploads/CV_Malcolm%2520Sumner_bio.pdf) | Soil Agronomist – soil fertility |
| 1933- AD | [Joe B. Dixon](http://soilcrop.tamu.edu/people/dixon-joe-b/) | Soil Mineralogist – mineralogy |
| 1934-2014 AD | [Blair F. Jones](http://ccm.geoscienceworld.org/content/62/1/74.full.pdf+html) | Clay Mineralogist – alkaline environments |
| 1935-2015 AD | [Robert A. Berner](http://en.wikipedia.org/wiki/Robert_Berner) | Geochemist – silicate weathering |