

Matthew Richard Voss Ross

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Education

2006-2010 **BA Ecology, French Minor**, *University of Colorado*, Boulder, CO.

2011-2017 **PhD Ecology**, *Duke University*, Durham, NC.

2017-2018 **Post-Doc Remote Sensing**, *University of North Carolina*, Chapel Hill, NC.

Nobel Prizes

1903 Nobel Prize in Physics. Awarded for her work on radioactivity with Pierre Curie and Henri Becquerel

1911 Nobel Prize in Chemistry. Awarded for the discovery of radium and polonium

Publications

- ## [1] Yang, X., Pavelsky, TM., Ross, MRV., Januchowski-Hartley, SR., Dolan, W., & ... (2021). obstructing structures on global rivers. **Water Resources Research**. 58 (1), e2021WR030386
- ## [2] Bruns, NE., Heffernan, JB., Ross, MRV., & Doyle, M. (2022). A simple metric for pred
- ## [3] Thomas, CJ., Shriver, RK., Nippgen, F., Hepler, M., & Ross, MRV. (2022). Mines to fo
- ## [4] Oleksy, IA., Collins, SM., Sillen, SJ., Topp, SN., Austin, M., Hall, EK., O'Reilly, C. elevation US Rocky Mountain region. **Environmental Research Letters**. 17 (10), 104041
- ## [5] Gardner, JR., Yang, X., Topp, SN., Ross, MRV., Altenau, EH., & Pavelsky, TM. (2021).
- ## [6] Topp, SN., Pavelsky, TM., Stanley, EH., Yang, X., Griffin, CG., & Ross, MRV. (2021). decadal improvement in US Lake water clarity. **Environmental Research Letters**. 16 (5), 0550
- ## [7] Topp, SN., Pavelsky, TM., Dugan, HA., Yang, X., Gardner, J., & Ross, MRV. (2021). Sh
- ## [8] Simonin, M., Rocca, JD., Gerson, JR., Moore, E., Brooks, AC., Czaplicki, L., & ... (
- ## [9] Eurich, A., Kampf, SK., Hammond, JC., Ross, M., Willi, K., Vorster, AG., & Pulver, B. 578
- ## [10] Jaeger, KL., & Ross, MRV. (2021). Identifying geomorphic process domains in the synt
- ## [11] Ross, MRV., Nippgen, F., McGlynn, BL., Thomas, CJ., Brooks, AC., Shriver, RK., & ...
- ## [12] Topp, SN., Pavelsky, TM., Jensen, D., Simard, M., & Ross, MRV. (2020). Research tren
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- ## [14] Whittemore, A., Ross, MRV., Dolan, W., Langhorst, T., Yang, X., Pawar, S., & ... (20
- ## [15] Gerson, JR., Naslund, LC., Liu, YT., Hsu-Kim, H., Driscoll, CT., Ross, MRV., & ... (122
- ## [16] Ross, MRV., Topp, SN., Appling, AP., Yang, X., Kuhn, C., Butman, D., Simard, M., & .

- ## [17] Brooks, AC., Ross, MRV., Nippgen, F., McGlynn, BL., & Bernhardt, ES. (2019). Excess
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- ## [18] Pericak, AA., Thomas, CJ., Kroodsma, DA., Wasson, MF., Ross, MRV., & ... (2018). Map
- ## [19] Ross, MRV., Nippgen, F., Hassett, BA., McGlynn, BL., & Bernhardt, ES. (2018). Pyrite
Mined Landscapes. **Global Biogeochemical Cycles**. 32 (8), 1182-1194
- ## [20] Barger, .., N., N., Gardner, A., T., Sankaran, M., Belnap, J., Broadhurst, & ...,
- ## [21] Nippgen, F., Ross, MRV., Bernhardt, ES., & McGlynn, BL. (2017). Creating a more peren
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- ## [22] Ross, MRV., McGlynn, BL., & Bernhardt, ES. (2016). Deep impact: Effects of mountaint
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- ## [23] Ross, MRV., Bernhardt, ES., Doyle, MW., & Heffernan, JB. (2015). Designer ecosystems
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- ## [24] Arnold, MC., Friedrich, LA., Lindberg, TT., Ross, M., Halden, NM., Bernhardt, E., &
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- ## [25] Ross, MR., Castle, SC., & Barger, NN. (2012). Effects of fuels reductions on plant c
juniper woodland. **Journal of arid environments**. 79, 84-92