

Peter Byck is currently helping to lead a \$10 million research project comparing Adaptive Multi-Paddock (AMP) grazing with conventional grazing; collaborating with 20 scientists and 10 farm families, focused on soil health & soil carbon storage, GHG cycling, microbial/bug/bird biodiversity & water cycling. The research also includes a new, 4-part docuseries called [\*Roots So Deep \(you can see the devil down there\)\*](#), directed by Byck, which is all about the inventive farmers and maverick scientists building a path to solving climate change with hooves, heart, and soil. View the [trailer](#) and [CNN segment](#).

Byck is a professor of practice at Arizona State University, in both the School of Sustainability and the Walter Cronkite School of Journalism, where he teaches students to make short documentary films about sustainability solutions. He is the director, producer, and writer of Carbon Nation, a documentary film about climate change solutions. In 2020, Byck released the first 10 parts of Carbon Cowboys, a documentary short film series focused on regenerative grazing. He released the 11th part, "camp AMP", in 2025.