

Rio ASE, LLC
3380 W Americana Terrace, Ste 390, Boise, ID 83702
Tel 208-559-4615
Rob@RioASE.com
RioASE.com
October 17, 2024



Subject: Solicitation for Stream Restoration Geomorphologist

Rio ASE is a science and engineering firm located in Boise, Idaho, focused exclusively on water resources and river restoration projects within the intermountain west. We founded the company in 2016 based on our passion for rivers, the outdoors, and solving problems. We have applied this passion to projects ranging from geomorphic assessments and complex hydraulic modeling to sediment transport analyses and large-scale restoration designs. We believe that projects interacting with rivers and floodplains must be based on geomorphic and ecological principles that work with the river to ensure effective, long-term solutions that benefit nature, our clients, and the public. Humans are an undeniable part of the river ecosystem and we strive to deliver products that focus on features beneficial to both humans and the natural environment.

At Rio ASE, our people are our strongest and most important asset. We currently have 12 employees, including engineers, geomorphologists, a fisheries biologist, and a broad group of multidisciplinary partners we work with on a near-daily basis. We have a lot of great work lined up for the coming years and would like to hire a new geomorphologist in our Boise, Idaho office to collaborate with our team and partners. Job responsibilities are diverse and will depend on level of experience but generally include tasks associated with stream- and floodplain-related scientific analysis and design development, geomorphic assessments, project management, GIS analysis, map and document preparation, field work, report writing, construction observation, stakeholder collaboration, business development, and administrative tasks. Regarding scientific analysis and geomorphic assessments, the preferred candidate would develop the analysis approach and hypotheses in collaboration with partners and other Rio staff. The preferred candidate would then collect appropriate remote and field data to evaluate hypotheses as well as past and current project conditions, explaining how and why they have changed over time. The preferred candidate would collaborate with technical partners to write the majority of the assessment report, including figures, tables, and graphics, with limited supervision. **We prefer a candidate with strong applied knowledge and skills that can efficiently collect and review available data to make conclusions regarding geomorphic history and likely geomorphic response to future/proposed conditions.** Regarding project management, the preferred candidate would coordinate directly with clients and partners, delegate work internally (and possibly with partners), manage schedules, budgets, and workloads for the project, and lead geomorphic data collection and analyses, as noted above.

Eligible candidates must have a bachelor's degree in geology, geomorphology, or a related field (master's preferred), previous stream restoration-related science or engineering experience (2 or more years in consulting preferred), be comfortable wading in streams and rivers, be able to occasionally travel, and possess a valid state driver's license. Compensation includes a competitive salary (\$75-115K/year depending on experience), quarterly performance bonus, and a comprehensive benefits package including PTO, flexible hours, health care, and 401k match. If you are interested in this position, please send the following items (PDF file type) to the email address listed above for consideration:

- Cover letter (1 page max)
- Resume (2 pages max)
 - Include level of experience (scale of 1-10 where 1 = none and 10 = expert) in the following categories:
 - Fluvial geomorphology
 - Sediment transport analysis
 - Paleo-environmental interpretation and reconstruction
 - Stream/habitat restoration conceptual design development
 - Biology (botany, wetland science, ecology, fisheries)
 - Project management
 - Open channel hydraulics
 - Hydraulic modeling
 - ESRI GIS software products (ArcGIS Pro, etc.)
 - Design and/or artistic visual renderings

Please return applications via email to me by Friday, November 15, 4pm MST. Thank you for considering Rio ASE.

Rob Richardson
Principal Geomorphologist