Kelp Hatchery Science Lead

GreenWave is a non-profit organization that is reviving coastal communities with 3D Ocean Farming -- a new type of restorative ocean farming that uses zero inputs, has myriad ecological benefits such as carbon and nitrogen sequestration, and works to provide food justice and quality jobs in places that need it. Through our programming, new ocean farmers receive hands-on training and education, support with permitting, access to reliable low-cost seed--which we grow in our New Haven, CT kelp hatchery--and connections to purchasers. We also engage in research and development that furthers the sustainable seaweed farming industry, and support policy initiatives that make commercial 3D Ocean Farming possible.

**JOB DESCRIPTION**

GreenWave seeks a knowledgeable, reliable, team-oriented individual with a command of macroalgae seeding and cultivation to fulfill our Science Lead position. Reporting to the Programs Manager and Deputy Director, the Science Lead will 1) oversee and track the growth of sugar kelp (*Saccharina latissima*) in our New Haven, CT seaweed hatchery 2) collaborate with the Hatchery Manager and Hatchery Technician to ensure seamless operation of our hatchery facilities and 3) coordinate closely with program staff to develop outplanting schedules and kelp seed transport plans, among other activities. This is a hands-on, temporary part-time (15-20 hours/week) position (July 2018 through mid-January 2019) based in New Haven, CT.

**Position Responsibilities:**

- Execute GreenWave hatchery protocols and procedures
- Steward growth of kelp from spore to blade, to produce 200+ spools of seedstring
- Oversee induced sporing, sorus preparation, kelp seeding, and nutrient management
- Complete weekly spore and blade measurements to monitor kelp growth
- Oversee record keeping and evaluate log reports
- Conduct weekly check-ins with the Hatchery Manager and Hatchery Technician
- Troubleshoot and respond to growth or contamination issues quickly and comprehensively
- Develop kelp outplanting estimates and coordinate the outplanting schedule, with assistance from the Hatchery Manager
- Assist Hatchery Manager and Hatchery Technician with routine maintenance, as needed
- Contribute to end-of-season hatchery shut down

**Desired Skills and Requirements:**

- Collaborative
- Motivated self-learner with great problem solving skills
- Fastidious, while not losing sight of the big picture
- Positive no-task-is-too-small attitude
• Willingness to get your hands dirty, and learn a new system inside and out
• Excellent ability to create production calendars, set goals, and meet deadlines
• Command of saltwater macroalgae sporing, seeding and cultivation techniques
• Graduate degree and 2+ years of pertinent work experience in a lab or hatchery preferred
• Comfortable taking direction as well as guiding a team through a successful hatchery season

GreenWave is an equal opportunity employer and is committed to building a culturally diverse organization. Individuals from diverse backgrounds are encouraged to apply. We offer an engaging and educational workplace and a competitive non-profit wage, commensurate with experience.

Please send resume and cover letter to Kendall Barbery, Programs Manager to jobs@greenwave.org, by June 1, 2018.