

**POSTDOCTORAL SCHOLAR JOB ANNOUNCEMENT
OREGON STATE UNIVERSITY
School of Civil and Construction Engineering
*ASPHALT MATERIALS AND PAVEMENTS***

Oregon State University (OSU), School of Civil and Construction Engineering, located in Corvallis, Oregon, is seeking a qualified candidate for a postdoctoral position.

The OSU-Asphalt Materials and Pavements (OSU-AMaP) Research Group is seeking a postdoctoral scholar, 1.0 FTE, in the area of testing and modeling asphalt materials and structures. The position will begin in September 2022 (flexible dates as negotiated). This is a 12-month appointment; however, it can be extended based on satisfactory performance and mutual agreement. The position will remain open until filled.

Candidates are required to have a Ph.D. in civil engineering, materials science/engineering, or a closely related discipline with expertise in asphalt materials testing and characterization.

The successful candidate will work on the following research areas in collaboration with graduate students: i) asphalt balanced mix design, ii) development of chip seal quality assurance technologies, and iii) development of strategies to increase the recycled asphalt pavement (RAP) content in road construction by using rejuvenators and warm-mix additives. Some recent publications of the research group are provided below for reference:

- Paper#1: Development of a Balanced Mix Design Method in Oregon to Improve Long-Term Pavement Performance <https://doi.org/10.1177/03611981211032222>
- Paper#2: Quantifying In Situ Tack Coat Performance Using the TackBond Tester for Quality Control <https://doi.org/10.1177/03611981211058134>
- Paper#3: Strategies to improve performance of reclaimed asphalt pavement-recycled asphalt shingle mixtures <https://doi.org/10.1080/10298436.2019.1593411>
- Paper#4: The effect of long-term aging on fatigue cracking resistance of asphalt mixtures <https://doi.org/10.1080/10298436.2020.1745206>

For additional information about the activities in our research group, please visit:
<http://research.engr.oregonstate.edu/coleri/home>

If you meet the aforementioned requirements, please email the following documents in a single PDF file (Word documents will not be opened) to the contact listed below.

The subject line of your email should contain the following text: "OSU-AMaP - Post-doctoral scholar application (your last name)."

- A detailed CV
- A one-page statement describing your background and how you fit the advertised position
- A one-page statement reflecting your opinions regarding the strategic issues in pavement engineering today
- Contact information for three references

Please note that only qualified candidates with the required expertise will be contacted.

Contact: Erdem Coleri, Associate Professor
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