

Elena Pelech ASPB Ambassador

2025 End of year report

I consent to share report publicly

This year, I served as the Outreach Officer for the Environmental and Ecological Plant Physiology (EPP) section of ASPB before transitioning into the role of Vice Chair. A major highlight of our section's activities was the publication of our collaborative paper in *Plant Physiology* (<https://doi.org/10.1093/plphys/kiaf405>), which underscored the critical importance of consistently measuring and reporting environmental conditions across plant science subdisciplines to improve the interpretation and reproducibility of experimental results. Each committee member, including myself, invited early-career researchers to participate as co-authors when they contributed to the meta-analysis, strengthening both the scientific rigor and the mentorship mission of EPP. We presented this publication at the annual ASPB meeting in Wisconsin during our Science and Friends workshop, where we engaged the broader ASPB community in discussions about environmental reporting standards across subdisciplines and experimental conditions (growth chamber, greenhouse, and field studies). These conversations inspired my proposal for an EPP workshop on handheld devices that measure physiological parameters from vendors who attend the annual meeting. We have also submitted a proposal for a concurrent session on photosynthesis. In addition, we sponsored an EPP section member for the early-career 3-minute thesis competition at the annual meeting and plan to sponsor another member in 2026.