## DAFTAR GAMBAR

Figure I. Overview of the research workflow. (a) Public dataset used for training from diverse perspectives. (b) Ablation testing to identify the optimal dataset combination. (c) Testing different YOLOv11 model sizes. (d) Annotated data collected from local waterway near Telkom University. (e) Fine-tuning the model with different training sizes.(f) Final evaluation using various evaluation metrics.

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