# Supplementary Materials-Emerging from Water: Underwater Image Color Correction Based on Weakly Supervised Color Transfer

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In the supplementary materials, we show more results against CycleGAN [1], GW [2], INT [3], RED [4], UWID [5] and UWIB [6].

## REFERENCES

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[3] Y. Gong and F. Sbalzarini, "A natural-scene gradient distribution prior and its application in light-microscopy image processing," *IEEE J. Sel. Topics Signal Process.*, vol 10, no. 1, pp. 99-114, 2016.
[4] A. Galdran, D. Pardo, and A. Picn, "Automatic red-channel underwater image restoration," *J. Vis. Commun. Image R.*, vol. 26, pp.132-145, 2015.
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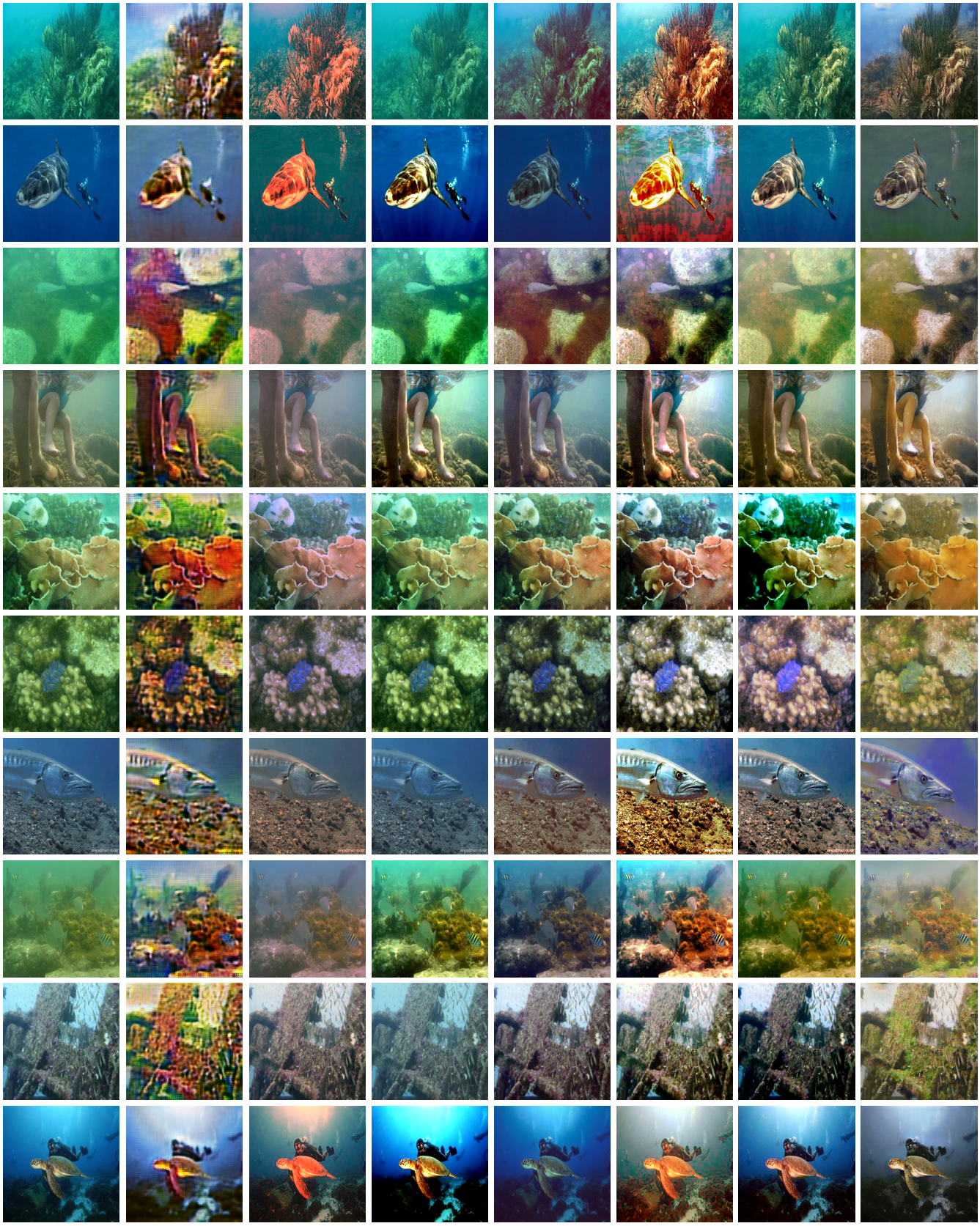
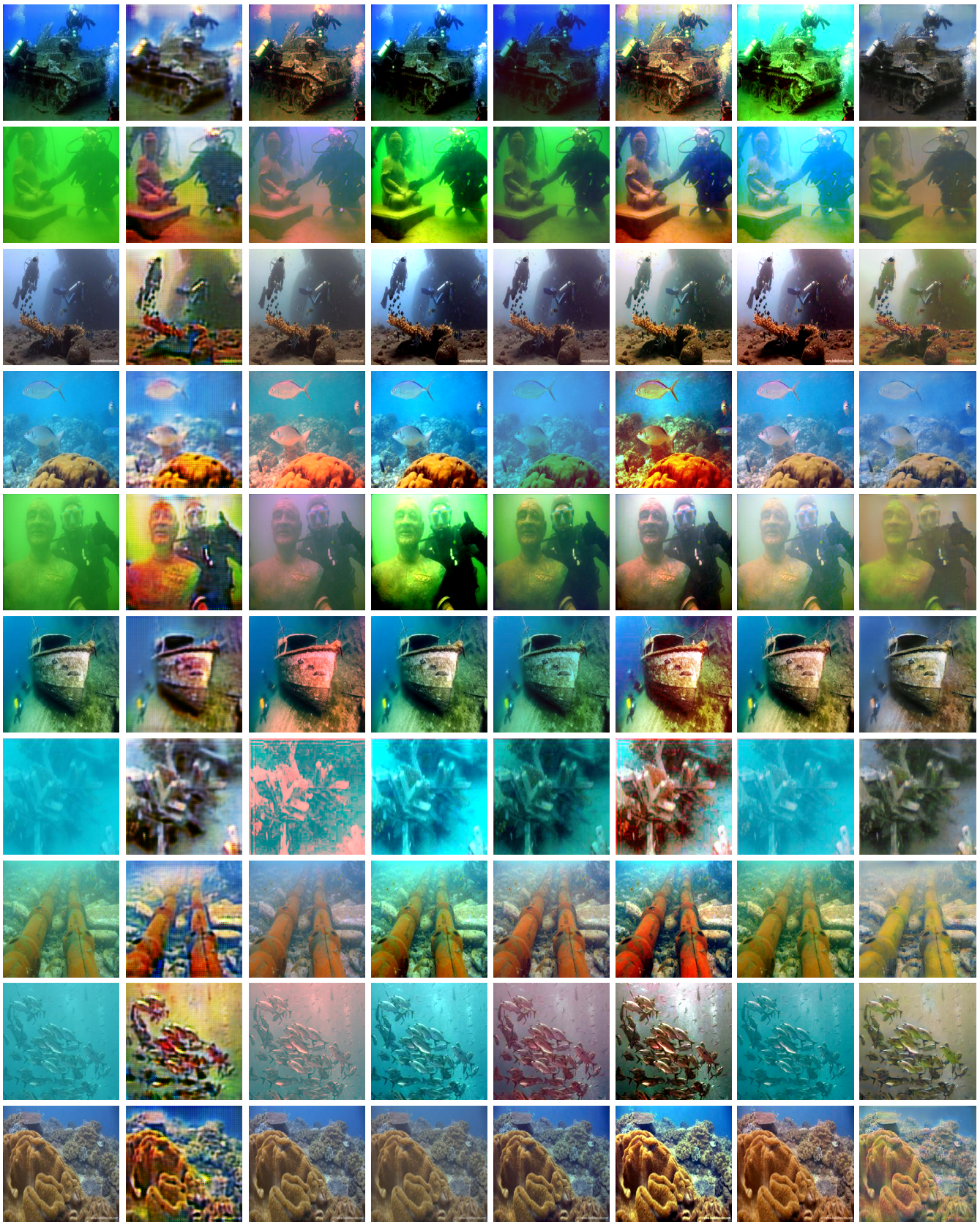


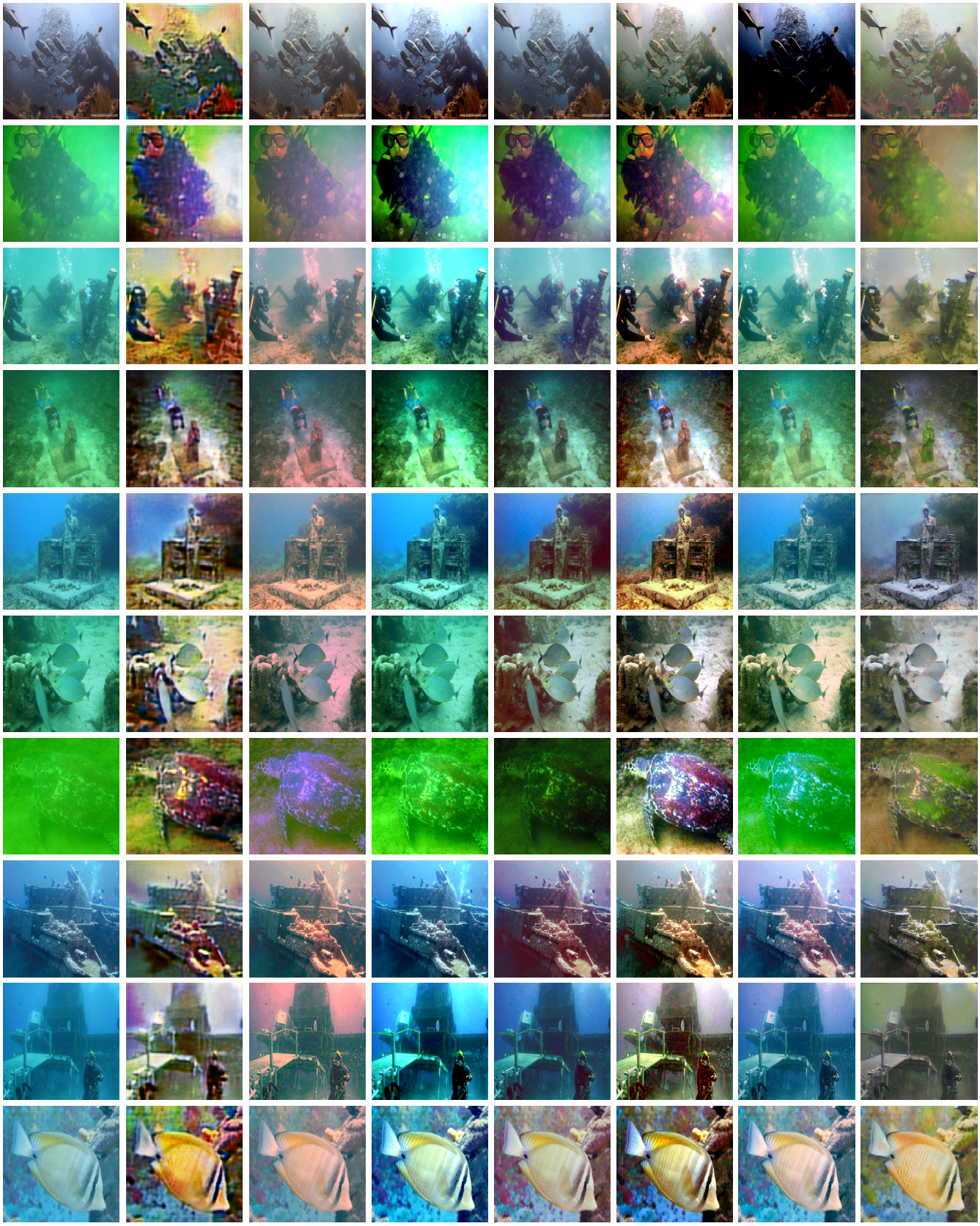
(a) Raws (b) CycleGAN (c) GW (d) INT (e) RED (f) UWID (g) UWIB (h) Ours

Fig. 1. Visual quality comparisons on varying underwater scenes.



(a) Raws (b) CycleGAN (c) GW (d) INT (e) RED (f) UWID (g) UWIB (h) Ours

Fig. 2. Visual quality comparisons on varying underwater scenes.



(a) Raws (b) CycleGAN (c) GW (d) INT (e) RED (f) UWID (g) UWIB (h) Ours

Fig. 3. Visual quality comparisons on varying underwater scenes.