

Supplementary Materials: Super-Hydrophobic Co–Ni Coating with High Abrasion Resistance Prepared by Electrodeposition

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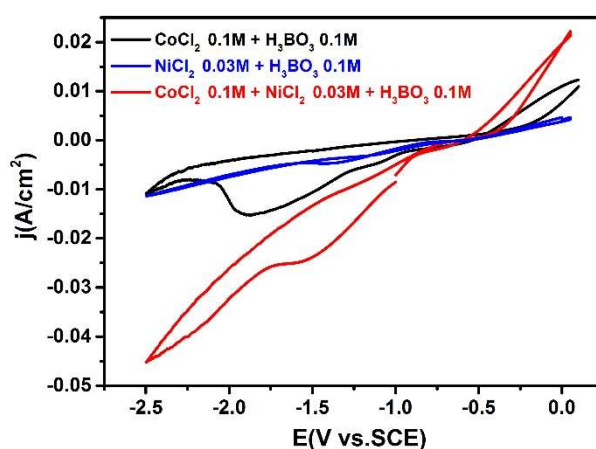


Figure S1. Cyclic voltammograms of carbon steel obtained with a scan rate of 10 mV/s in the solution of CoCl_2 0.1 mol/L + H_3BO_3 0.1 mol/L, NiCl_2 0.03 mol/L + H_3BO_3 0.1 mol/L, CoCl_2 0.1 mol/L + NiCl_2 0.03 mol/L + H_3BO_3 0.1 mol/L.

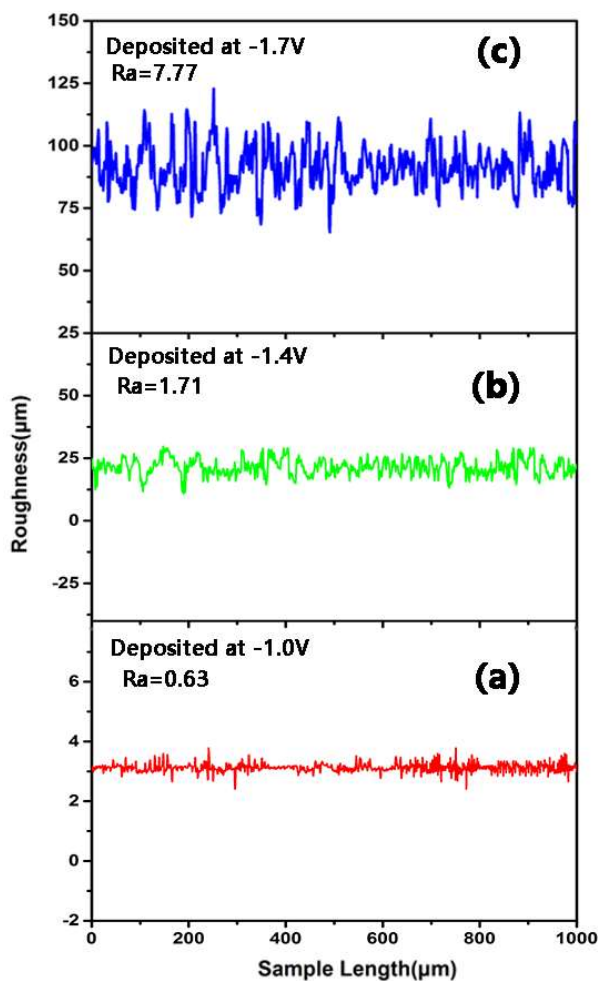


Figure S2. Surface roughness of Co–Ni coatings deposited under the applied potentials of (a) -1.0 V, (b) -1.4 V, and (c) -1.7 V for 3000 s in the mixed solution at room temperature.



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