Table S1. Spectral vegetation indices computed for imagery classification.

SVI	Equation	Reference
Normalized Difference Vegetation Index	$\mathrm{NDVI} = \frac{HDRF_{800} - HDRF_{670}}{HDRF_{800} + HDRF_{670}}$	[1]
Renormalized Difference Vegetation Index	$\mathrm{RDVI} = \frac{HDRF - HDRF_{670}}{\sqrt{HDRF_{800} + HDRF_{670}}}$	[2]
Enhanced Vegetation Index (410 nm)	$\mathrm{EVI}_{410} = \frac{HDRF_{800} - HDRF_{670}}{(HDRF_{800} + 6 \cdot HDRF_{670} - 7.5 \cdot HDRF_{410} + 1)}$	
Enhanced Vegetation Index MODIS	$\mathrm{EVI}_{\mathrm{MODIS}} = \frac{HDRF_{800} - HDRF_{670}}{(HDRF_{800} + 6 \cdot HDRF_{670} - 7.5 \cdot HDRF_{469} + 1)}$	[3]
Modified Chlorophyll Absorption Ratio Index 2	$\mathrm{RDVI} = \frac{1.5 \cdot [2.5 \cdot (HDRF_{800} - HDRF_{670}) - 1.3 \cdot (HDRF_{800} - HDRF_{550})]}{\sqrt{(2 \cdot HDRF_{800} + 1)^2 - (6 \cdot HDRF_{800} - 5 \cdot \sqrt{HDRF_{670}}) - .05}}$	[4]
Photochemical Reflectance Index	$\mathrm{PRI} = \frac{HDRF_{531} - HDRF_{570}}{HDRF_{531} + HDRF_{570}}$	[5]
Transformed Chlorophyll Absorption in Reflectance Index	$\mathrm{TCARI} = 3 \cdot \left[(HDRF_{700} - HDRF_{670}) - 0.2 \cdot (HDRF_{700} - HDRF_{500}) \cdot \left(\frac{HDRF_{700}}{HDRF_{670}}\right)\right]$	[4]
Triangular Vegetation Index	$\mathrm{TVI} = 3 \cdot [120 \cdot (HDRF_{750} - HDRF_{670}) - 200 \cdot (HDRF_{670} - HDRF_{500})]$	[6]
Simple Ratio 750/710	$\mathrm{SR}_{750,710} = {\rho_{750}}/{\rho_{710}}$	[7]
MERIS Terrestrial Chlorophyll Index	$\mathrm{MTCI} = \frac{HDRF_{753.75} - HDRF_{708.5}}{HDRF_{708.5} + HDRF_{681.25}}$	[8]
B(log 1/R730)	$\mathrm{B(log\ 1/R730)} = \log\left({1}/{HDRF_{730}}\right)'$	[9]
Water Band Index	$\mathrm{WBI} = {HDRF_{970}}/{HDRF_{900}}$	[10]
Normalized Difference Index 666/680	$\mathrm{NDVI} = \frac{HDRF_{666} - HDRF_{680}}{HDRF_{666} + HDRF_{680}}$	[11]
Chlorophyll Index Red Edge	$\mathrm{CIre} = {HDRF_{779}}/{HDRF_{709}}$	[8,12]

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