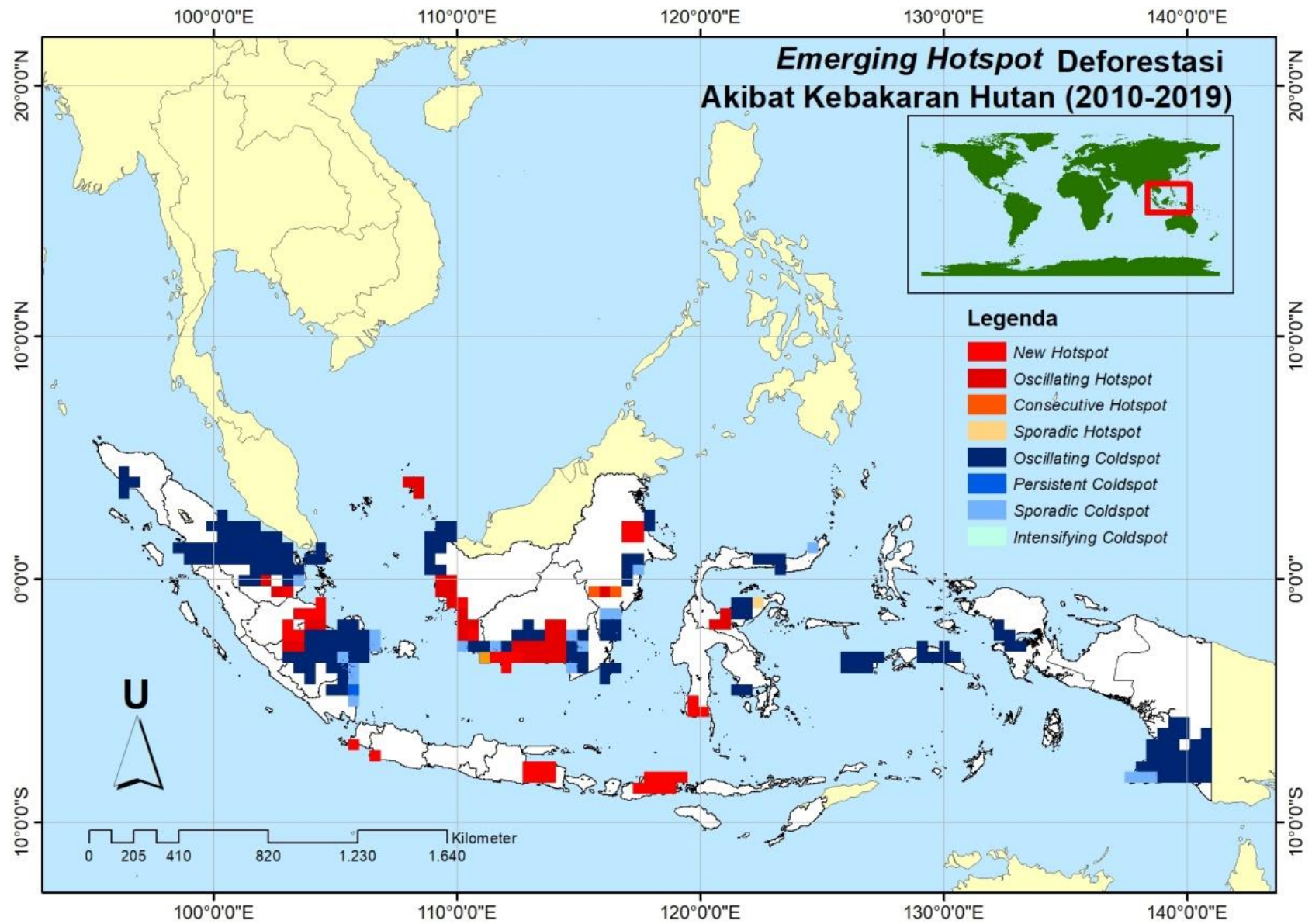


LAMPIRAN

LAMPIRAN A

Peta *Emerging Hotspot* Deforestasi Akibat Kebakaran Hutan di Indonesia (2010-2019)



LAMPIRAN B

Peta Kebakaran Hutan dan Lahan 2019 (KLHK)



LAMPIRAN C

*Script Overlay data GFC, FireCCI51, MCD64A1, Convert data to point, dan
Perhitungan Luas*

```

Imports (3 entries)
▸ var hansen: (Deprecated) Image "Hansen Global Forest Change v1.7 (2000-2019)" (13 bands)
▸ var imageVisParam: lossyear
▸ var table: Table users/desi23117090/Provinsi_Lampung

Map.centerObject(table)
//BISMILLAHIRROHMAANIRROHIIM
var lossyear = hansen.select('lossyear').clip(table);
//Map.addLayer (lossyear, {min:0, max:19, palette: ['red']},'lossyear');

//filter pixel 2019
var lossyear19 = lossyear.eq(19);
var loss19 = lossyear19.multiply(19)
var lossyear19mask = loss19.updateMask(lossyear19)
Map.addLayer (lossyear19mask, {palette:['green']},'lossyear19',false);

//filter pixel 2018
var lossyear18 = lossyear.eq(18);
var loss18 = lossyear18.multiply(18)
var lossyear18mask = loss18.updateMask(lossyear18)
Map.addLayer (lossyear18mask, {palette:['green']},'lossyear18',false);

//filter pixel 2017
var lossyear17 = lossyear.eq(17);
var loss17 = lossyear17.multiply(17)
var lossyear17mask = loss17.updateMask(lossyear17)
Map.addLayer (lossyear17mask, {palette:['green']},'lossyear17',false);

//filter pixel 2016
var lossyear16 = lossyear.eq(16);
var loss16 = lossyear16.multiply(16)
var lossyear16mask = loss16.updateMask(lossyear16)
Map.addLayer (lossyear16mask, {palette:['green']},'lossyear16',false);

//filter pixel 2015
var lossyear15 = lossyear.eq(15);
var loss15 = lossyear15.multiply(15)
var lossyear15mask = loss15.updateMask(lossyear15)
Map.addLayer (lossyear15mask, {palette:['green']},'lossyear15',false);

//filter pixel 2014
var lossyear14 = lossyear.eq(14);
var loss14 = lossyear14.multiply(14)
var lossyear14mask = loss14.updateMask(lossyear14)
Map.addLayer (lossyear14mask, {palette:['green']},'lossyear14',false);

//filter pixel 2013
var lossyear13 = lossyear.eq(13);
var loss13 = lossyear13.multiply(13)
var lossyear13mask = loss13.updateMask(lossyear13)
Map.addLayer (lossyear13mask, {palette:['green']},'lossyear13',false);

//filter pixel 2012
var lossyear12 = lossyear.eq(12);
var loss12 = lossyear12.multiply(12)
var lossyear12mask = loss12.updateMask(lossyear12)
Map.addLayer (lossyear12mask, {palette:['green']},'lossyear12',false);

//filter pixel 2011
var lossyear11 = lossyear.eq(11);
var loss11 = lossyear11.multiply(11)
var lossyear11mask = loss11.updateMask(lossyear11)
Map.addLayer (lossyear11mask, {palette:['green']},'lossyear11',false);

//filter pixel 2010
var lossyear10 = lossyear.eq(10);

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```

var loss10 = lossyear10.multiply(10)
var lossyear10mask = loss10.updateMask(lossyear10)
Map.addLayer (lossyear10mask, {palette:['green']}, 'lossyear10', false);

////////////////////////////////////FireCCI
I51
// Visualize FireCCI51 2019
var CCI_19 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2019-01-01', '2019-12-31');
var BA_CCI_19 = CCI_19.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_19 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_19 = BA_CCI_19.max().clip(table);
Map.addLayer(maxBA_CCI_19, baVis_CCI_19, 'Burned Area CCI 19', false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_19 = maxBA_CCI_19.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_19.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_19,{palette:'green'}, 'vectors_CCI_19', false);

// Visualize FireCCI51 for the year 2018
var CCI_18 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2018-01-01', '2018-12-31');
var BA_CCI_18 = CCI_18.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_18 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_18 = BA_CCI_18.max().clip(table);
Map.addLayer(maxBA_CCI_18, baVis_CCI_18, 'Burned Area CCI 18', false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_18 = maxBA_CCI_18.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_18.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_18,{palette:'green'}, 'vectors_CCI_18', false);

// Visualize FireCCI51 for the year 2017
var CCI_17 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2017-01-01', '2017-12-31');
var BA_CCI_17 = CCI_17.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_17 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_17 = BA_CCI_17.max().clip(table);
Map.addLayer(maxBA_CCI_17, baVis_CCI_17, 'Burned Area CCI 17', false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_17 = maxBA_CCI_17.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_17.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,

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```

    labelProperty: 'zone',
  });
//Map.addLayer(vectors_CCI_17,{palette:'green'},'vectors_CCI_17',false);

// Visualize FireCCI51 for the year 2016
var CCI_16 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
  .filterDate('2016-01-01', '2016-12-31');
var BA_CCI_16 = CCI_16.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_16 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_16 = BA_CCI_16.max().clip(table);
Map.addLayer(maxBA_CCI_16, baVis_CCI_16, 'Burned Area CCI 16',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_16 = maxBA_CCI_16.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_16.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_16,{palette:'green'},'vectors_CCI_16',false);

// Visualize FireCCI51 for the year 2015
var CCI_15 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
  .filterDate('2015-01-01', '2015-12-31');
var BA_CCI_15 = CCI_15.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_15 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_15 = BA_CCI_15.max().clip(table);
Map.addLayer(maxBA_CCI_15, baVis_CCI_15, 'Burned Area CCI 15',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_15 = maxBA_CCI_15.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_15.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_15,{palette:'green'},'vectors_CCI_15',false);

// Visualize FireCCI51 for the year 2014
var CCI_14 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
  .filterDate('2014-01-01', '2014-12-31');
var BA_CCI_14 = CCI_14.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_14 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_14 = BA_CCI_14.max().clip(table);
Map.addLayer(maxBA_CCI_14, baVis_CCI_14, 'Burned Area CCI 14',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_14 = maxBA_CCI_14.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_14.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});

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```

//Map.addLayer(vectors_CCI_14,{palette:'green'},'vectors_CCI_14',false);

// Visualize FireCCI51 for the year 2013
var CCI_13 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2013-01-01', '2013-12-31');
var BA_CCI_13 = CCI_13.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_13 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_13 = BA_CCI_13.max().clip(table);
Map.addLayer(maxBA_CCI_13, baVis_CCI_13, 'Burned Area CCI 13',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_13 = maxBA_CCI_13.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_13.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_13,{palette:'green'},'vectors_CCI_13',false);

// Visualize FireCCI51 for the year 2012
var CCI_12 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2012-01-01', '2012-12-31');
var BA_CCI_12 = CCI_12.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_12 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_12 = BA_CCI_12.max().clip(table);
Map.addLayer(maxBA_CCI_12, baVis_CCI_12, 'Burned Area CCI 12',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_12 = maxBA_CCI_12.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_12.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_12,{palette:'green'},'vectors_CCI_12',false);

// Visualize FireCCI51 for the year 2011
var CCI_11 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2011-01-01', '2011-12-31');
var BA_CCI_11 = CCI_11.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_11 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_11 = BA_CCI_11.max().clip(table);
Map.addLayer(maxBA_CCI_11, baVis_CCI_11, 'Burned Area CCI 11',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_11 = maxBA_CCI_11.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_11.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_11,{palette:'green'},'vectors_CCI_11',false);

```

```

// Visualize FireCCI51 for the year 2010
var CCI_10 = ee.ImageCollection('ESA/CCI/FireCCI/5_1')
    .filterDate('2010-01-01', '2010-12-31');
var BA_CCI_10 = CCI_10.select('BurnDate');
// Use a circular palette to assign colors to date of first detection
var baVis_CCI_10 = {min: 1,max: 366,palette: ['blue']};
var maxBA_CCI_10 = BA_CCI_10.max().clip(table);
Map.addLayer(maxBA_CCI_10, baVis_CCI_10, 'Burned Area CCI 10',false);

// Convert the zones of the firecci51 to vectors.
var vectors_CCI_10 = maxBA_CCI_10.reduceToVectors({
  geometry: table,
  crs: maxBA_CCI_10.projection(),
  scale: 250,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_CCI_10,{palette:'green'},'vectors_CCI_10',false);

////////////////////////////////////MCD64A1
//MCD6A1 MODIS 2019
var MOD_19 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2019-01-01', '2019-12-31'));
var BA_MOD_19 = MOD_19.select('BurnDate');
var maxBA_MOD_19 = BA_MOD_19.max().clip(table);
var baVis_MOD_19 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_19, baVis_MOD_19, 'Burned Area MOD 19',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_19 = maxBA_MOD_19.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_19.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_19,{palette:'green'},'vectors_MOD_19',false);

//MCD6A1 MODIS 2018
var MOD_18 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2018-01-01', '2018-12-31'));
var BA_MOD_18 = MOD_18.select('BurnDate');
var maxBA_MOD_18 = BA_MOD_18.max().clip(table);
var baVis_MOD_18 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_18, baVis_MOD_18, 'Burned Area MOD 18',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_18 = maxBA_MOD_18.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_18.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_18,{palette:'green'},'vectors_MOD_18',false);

//MCD64A1 MODIS 2017
var MOD_17 = ee.ImageCollection('MODIS/006/MCD64A1')

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        .filter(ee.Filter.date('2017-01-01', '2017-12-31'));
var BA_MOD_17 = MOD_17.select('BurnDate');
var maxBA_MOD_17 = BA_MOD_17.max().clip(table);
var baVis_MOD_17 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_17, baVis_MOD_17, 'Burned Area MOD 17',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_17 = maxBA_MOD_17.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_17.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_17,{palette:'green'},'vectors_MOD_17',false);

//MCD64A1 MODIS 2016
var MOD_16 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2016-01-01', '2016-12-31'));
var BA_MOD_16 = MOD_16.select('BurnDate');
var maxBA_MOD_16 = BA_MOD_16.max().clip(table);
var baVis_MOD_16 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_16, baVis_MOD_16, 'Burned Area MOD 16',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_16 = maxBA_MOD_16.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_16.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_16,{palette:'green'},'vectors_MOD_16',false);

//MCD64A1 MODIS 2015
var MOD_15 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2015-01-01', '2015-12-31'));
var BA_MOD_15 = MOD_15.select('BurnDate');
var maxBA_MOD_15 = BA_MOD_15.max().clip(table);
var baVis_MOD_15 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_15, baVis_MOD_15, 'Burned Area MOD 15',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_15 = maxBA_MOD_15.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_15.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_15,{palette:'green'},'vectors_MOD_15',false);

//MCD64A1 MODIS 2014
var MOD_14 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2014-01-01', '2014-12-31'));
var BA_MOD_14 = MOD_14.select('BurnDate');
var maxBA_MOD_14 = BA_MOD_14.max().clip(table);
var baVis_MOD_14 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_14, baVis_MOD_14, 'Burned Area MOD 14',false);

```

```

// Convert the zones of the MODIS to vectors.
var vectors_MOD_14 = maxBA_MOD_14.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_14.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_14,{palette:'green'},'vectors_MOD_14',false);

//MCD64A1 MODIS 2013
var MOD_13 = ee.ImageCollection('MODIS/006/MCD64A1')
  .filter(ee.Filter.date('2013-01-01', '2013-12-31'));
var BA_MOD_13 = MOD_13.select('BurnDate');
var maxBA_MOD_13 = BA_MOD_13.max().clip(table);
var baVis_MOD_13 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_13, baVis_MOD_13, 'Burned Area MOD 13',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_13 = maxBA_MOD_13.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_13.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_13,{palette:'green'},'vectors_MOD_13',false);

//MCD64A1 MODIS 2012
var MOD_12 = ee.ImageCollection('MODIS/006/MCD64A1')
  .filter(ee.Filter.date('2012-01-01', '2012-12-31'));
var BA_MOD_12 = MOD_12.select('BurnDate');
var maxBA_MOD_12 = BA_MOD_12.max().clip(table);
var baVis_MOD_12 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_12, baVis_MOD_12, 'Burned Area MOD 12',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_12 = maxBA_MOD_12.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_12.projection(),
  scale: 500,
  maxPixels:1e9,
  geometryType: 'polygon',
  eightConnected: false,
  labelProperty: 'zone',
});
//Map.addLayer(vectors_MOD_12,{palette:'green'},'vectors_MOD_12',false);

//MCD64A1 MODIS 2011
var MOD_11 = ee.ImageCollection('MODIS/006/MCD64A1')
  .filter(ee.Filter.date('2011-01-01', '2011-12-31'));
var BA_MOD_11 = MOD_11.select('BurnDate');
var maxBA_MOD_11 = BA_MOD_11.max().clip(table);
var baVis_MOD_11 = { min: 1,max: 366,palette: ['purple']};
Map.addLayer(maxBA_MOD_11, baVis_MOD_11, 'Burned Area MOD 11',false);

// Convert the zones of the MODIS to vectors.
var vectors_MOD_11 = maxBA_MOD_11.reduceToVectors({
  geometry: table,
  crs: maxBA_MOD_11.projection(),

```

```

    scale: 500,
    maxPixels:1e9,
    geometryType: 'polygon',
    eightConnected: false,
    labelProperty: 'zone',
  });
  //Map.addLayer(vectors_MOD_11,{palette:'green'},'vectors_MOD_11',false);

  //MCD64A1 MODIS 2010
  var MOD_10 = ee.ImageCollection('MODIS/006/MCD64A1')
    .filter(ee.Filter.date('2010-01-01', '2010-12-31'));
  var BA_MOD_10 = MOD_10.select('BurnDate');
  var maxBA_MOD_10 = BA_MOD_10.max().clip(table);
  var baVis_MOD_10 = { min: 1,max: 366,palette: ['purple']};
  Map.addLayer(maxBA_MOD_10, baVis_MOD_10, 'Burned Area MOD 10',false);

  // Convert the zones of the MODIS to vectors.
  var vectors_MOD_10 = maxBA_MOD_10.reduceToVectors({
    geometry: table,
    crs: maxBA_MOD_10.projection(),
    scale: 500,
    maxPixels:1e9,
    geometryType: 'polygon',
    eightConnected: false,
    labelProperty: 'zone',
  });
  //Map.addLayer(vectors_MOD_10,{palette:'green'},'vectors_MOD_10',false);

  //-----Clip data Hansen Loss dengan FireCCI
  var Loss_CCI_Clip_19 = lossyear19mask.clip(vectors_CCI_19,100);
  Map.addLayer(Loss_CCI_Clip_19,{palette:'red'},'Loss_CCI_Clip_19',false);

  var Loss_CCI_Clip_18 = lossyear18mask.clip(vectors_CCI_18,100);
  Map.addLayer(Loss_CCI_Clip_18,{palette:'red'},'Loss_CCI_Clip_18',false);

  var Loss_CCI_Clip_17 = lossyear17mask.clip(vectors_CCI_17,100);
  Map.addLayer(Loss_CCI_Clip_17,{palette:'red'},'Loss_CCI_Clip_17',false);

  var Loss_CCI_Clip_16 = lossyear16mask.clip(vectors_CCI_16,100);
  Map.addLayer(Loss_CCI_Clip_16,{palette:'red'},'Loss_CCI_Clip_16',false);

  var Loss_CCI_Clip_15 = lossyear15mask.clip(vectors_CCI_15,100);
  Map.addLayer(Loss_CCI_Clip_15,{palette:'red'},'Loss_CCI_Clip_15',false);

  var Loss_CCI_Clip_14 = lossyear14mask.clip(vectors_CCI_14,100);
  Map.addLayer(Loss_CCI_Clip_14,{palette:'red'},'Loss_CCI_Clip_14',false);

  var Loss_CCI_Clip_13 = lossyear13mask.clip(vectors_CCI_13,100);
  Map.addLayer(Loss_CCI_Clip_13,{palette:'red'},'Loss_CCI_Clip_13',false);

  var Loss_CCI_Clip_12 = lossyear12mask.clip(vectors_CCI_12,100);
  Map.addLayer(Loss_CCI_Clip_12,{palette:'red'},'Loss_CCI_Clip_12',false);

  var Loss_CCI_Clip_11 = lossyear11mask.clip(vectors_CCI_11,100);
  Map.addLayer(Loss_CCI_Clip_11,{palette:'red'},'Loss_CCI_Clip_11',false);

  var Loss_CCI_Clip_10 = lossyear10mask.clip(vectors_CCI_10,100);
  Map.addLayer(Loss_CCI_Clip_10,{palette:'red'},'Loss_CCI_Clip_10',false);

  //-----Clip data Hansen Loss dengan MCD64A1
  var Loss_MOD_Clip_19 = lossyear19mask.clip(vectors_MOD_19,100);
  Map.addLayer(Loss_MOD_Clip_19 ,{palette:'blue'},'Loss_MOD_Clip_19
  ',false);

  var Loss_MOD_Clip_18 = lossyear18mask.clip(vectors_MOD_18,100);

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```

Map.addLayer(Loss_MOD_Clip_18 ,{palette:'blue'},'Loss_MOD_Clip_18
',false);

var Loss_MOD_Clip_17 = lossyear17mask.clip(vectors_MOD_17,100);
Map.addLayer(Loss_MOD_Clip_17 ,{palette:'blue'},'Loss_MOD_Clip_17
',false);

var Loss_MOD_Clip_16 = lossyear16mask.clip(vectors_MOD_16,100);
Map.addLayer(Loss_MOD_Clip_16 ,{palette:'blue'},'Loss_MOD_Clip_16
',false);

var Loss_MOD_Clip_15 = lossyear15mask.clip(vectors_MOD_15,100);
Map.addLayer(Loss_MOD_Clip_15 ,{palette:'blue'},'Loss_MOD_Clip_15
',false);

var Loss_MOD_Clip_14 = lossyear14mask.clip(vectors_MOD_14,100);
Map.addLayer(Loss_MOD_Clip_14 ,{palette:'blue'},'Loss_MOD_Clip_14
',false);

var Loss_MOD_Clip_13 = lossyear13mask.clip(vectors_MOD_13,100);
Map.addLayer(Loss_MOD_Clip_13 ,{palette:'blue'},'Loss_MOD_Clip_13
',false);

var Loss_MOD_Clip_12 = lossyear12mask.clip(vectors_MOD_12,100);
Map.addLayer(Loss_MOD_Clip_12 ,{palette:'blue'},'Loss_MOD_Clip_12
',false);

var Loss_MOD_Clip_11 = lossyear11mask.clip(vectors_MOD_11,100);
Map.addLayer(Loss_MOD_Clip_11 ,{palette:'blue'},'Loss_MOD_Clip_11
',false);

var Loss_MOD_Clip_10 = lossyear10mask.clip(vectors_MOD_10,100);
Map.addLayer(Loss_MOD_Clip_10 ,{palette:'blue'},'Loss_MOD_Clip_10
',false);

//-----Clip data Hansen Loss dengan FireCCI51
dan MCD64A1
var Loss_CCI_MOD_Clip_19 = Loss_CCI_Clip_19.clip(vectors_MOD_19,100);
Map.addLayer(Loss_CCI_MOD_Clip_19 ,{palette:'blue'},'Loss_CCI_MOD_Clip_19
',false);

var Loss_CCI_MOD_Clip_18 = Loss_CCI_Clip_18.clip(vectors_MOD_18,100);
Map.addLayer(Loss_CCI_MOD_Clip_18 ,{palette:'blue'},'Loss_CCI_MOD_Clip_18
',false);

var Loss_CCI_MOD_Clip_17 = Loss_CCI_Clip_17.clip(vectors_MOD_17,100);
Map.addLayer(Loss_CCI_MOD_Clip_17 ,{palette:'blue'},'Loss_CCI_MOD_Clip_17
',false);

var Loss_CCI_MOD_Clip_16 = Loss_CCI_Clip_16.clip(vectors_MOD_16,100);
Map.addLayer(Loss_CCI_MOD_Clip_16 ,{palette:'blue'},'Loss_CCI_MOD_Clip_16
',false);

var Loss_CCI_MOD_Clip_15 = Loss_CCI_Clip_15.clip(vectors_MOD_15,100);
Map.addLayer(Loss_CCI_MOD_Clip_15 ,{palette:'blue'},'Loss_CCI_MOD_Clip_15
',false);

var Loss_CCI_MOD_Clip_14 = Loss_CCI_Clip_14.clip(vectors_MOD_14,100);
Map.addLayer(Loss_CCI_MOD_Clip_14 ,{palette:'blue'},'Loss_CCI_MOD_Clip_14
',false);

var Loss_CCI_MOD_Clip_13 = Loss_CCI_Clip_13.clip(vectors_MOD_13,100);
Map.addLayer(Loss_CCI_MOD_Clip_13 ,{palette:'blue'},'Loss_CCI_MOD_Clip_13
',false);

```

```

var Loss_CCI_MOD_Clip_12 = Loss_CCI_Clip_12.clip(vectors_MOD_12,100);
Map.addLayer(Loss_CCI_MOD_Clip_12 ,{palette:'blue'},'Loss_CCI_MOD_Clip_12
',false);

var Loss_CCI_MOD_Clip_11 = Loss_CCI_Clip_11.clip(vectors_MOD_11,100);
Map.addLayer(Loss_CCI_MOD_Clip_11 ,{palette:'blue'},'Loss_CCI_MOD_Clip_11
',false);

var Loss_CCI_MOD_Clip_10 = Loss_CCI_Clip_10.clip(vectors_MOD_10,100);
Map.addLayer(Loss_CCI_MOD_Clip_10 ,{palette:'blue'},'Loss_CCI_MOD_Clip_10
',false);

//MENGIDENTIFIKASI Luas
var gfc2019= ee.Image('UMD/hansen/global_forest_change_2019_v1_7');
var lossImage= gfc2019.select(['loss']);
var lossAreaImage = lossImage.multiply(ee.Image.pixelArea());

//-----Menghitung Luas Hansen-
FireCCI51
//2019
var lossByYear19 =
lossAreaImage.addBands(Loss_CCI_Clip_19).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2019',lossByYear19);

//2018
var lossByYear18 =
lossAreaImage.addBands(Loss_CCI_Clip_18).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2018',lossByYear18);

//2017
var lossByYear17 =
lossAreaImage.addBands(Loss_CCI_Clip_17).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2017',lossByYear17);

//2016
var lossByYear16 =
lossAreaImage.addBands(Loss_CCI_Clip_16).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});

```

```

print ('Hansen Clip FireCCI51 Tahun 2016',lossByYear16);

//2015
var lossByYear15 =
lossAreaImage.addBands(Loss_CCI_Clip_15).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2015',lossByYear15);

//2014
var lossByYear14 =
lossAreaImage.addBands(Loss_CCI_Clip_14).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2014',lossByYear14);

//2013
var lossByYear13 =
lossAreaImage.addBands(Loss_CCI_Clip_13).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2013',lossByYear13);

//2012
var lossByYear12 =
lossAreaImage.addBands(Loss_CCI_Clip_12).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2012',lossByYear12);

//2011
var lossByYear11 =
lossAreaImage.addBands(Loss_CCI_Clip_11).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip FireCCI51 Tahun 2011',lossByYear11);

//2010
var lossByYear10 =
lossAreaImage.addBands(Loss_CCI_Clip_10).reduceRegion({

```

```

    reducer : ee.Reducer. sum(). group ({
      groupField: 1
    }),
    geometry : table,
    scale : 30,
    maxPixels:1e9
  });
print ('Hansen Clip FireCCI51 Tahun 2010',lossByYear10);

//-----Menghitung Luas Hansen-MCD64A1
//2019
var lossByYear19 =
lossAreaImage.addBands(Loss_MOD_Clip_19).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip MOD Tahun 2019',lossByYear19);

//2018
var lossByYear18 =
lossAreaImage.addBands(Loss_MOD_Clip_18).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip MOD Tahun 2018',lossByYear18);

//2017
var lossByYear17 =
lossAreaImage.addBands(Loss_MOD_Clip_17).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip MOD Tahun 2017',lossByYear17);

//2016
var lossByYear16 =
lossAreaImage.addBands(Loss_MOD_Clip_16).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip MOD Tahun 2016',lossByYear16);

//2015
var lossByYear15 =
lossAreaImage.addBands(Loss_MOD_Clip_15).reduceRegion({
  reducer : ee.Reducer. sum(). group ({
    groupField: 1
  }),
  geometry : table,

```

```

        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2015',lossByYear15);

    //2014
    var lossByYear14 =
    lossAreaImage.addBands(Loss_MOD_Clip_14).reduceRegion({
        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2014',lossByYear14);

    //2013
    var lossByYear13 =
    lossAreaImage.addBands(Loss_MOD_Clip_13).reduceRegion({
        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2013',lossByYear13);

    //2012
    var lossByYear12 =
    lossAreaImage.addBands(Loss_MOD_Clip_12).reduceRegion({
        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2012',lossByYear12);

    //2011
    var lossByYear11 =
    lossAreaImage.addBands(Loss_MOD_Clip_11).reduceRegion({
        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2011',lossByYear11);

    //2010
    var lossByYear10 =
    lossAreaImage.addBands(Loss_MOD_Clip_10).reduceRegion({
        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
    print ('Hansen Clip MOD Tahun 2010',lossByYear10);

```

```

//-----Menghitung Luas Hansen-FireCCI51-
MCD64A1
//2019
var lossByYear19 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_19).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2019',lossByYear19);

//2018
var lossByYear18 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_18).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2018',lossByYear18);

//2017
var lossByYear17 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_17).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2017',lossByYear17);

//2016
var lossByYear16 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_16).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2016',lossByYear16);

//2015
var lossByYear15 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_15).reduceRegion({
  reducer : ee.Reducer.sum().group({
    groupField: 1
  }),
  geometry : table,
  scale : 30,
  maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2015',lossByYear15);

//2014
var lossByYear14 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_14).reduceRegion({

```

```

        reducer : ee.Reducer.sum().group({
            groupField: 1
        }),
        geometry : table,
        scale : 30,
        maxPixels:1e9
    });
print ('Hansen Clip CCI_MOD Tahun 2014',lossByYear14);

//2013
var lossByYear13 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_13).reduceRegion({
    reducer : ee.Reducer.sum().group({
        groupField: 1
    }),
    geometry : table,
    scale : 30,
    maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2013',lossByYear13);

//2012
var lossByYear12 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_12).reduceRegion({
    reducer : ee.Reducer.sum().group({
        groupField: 1
    }),
    geometry : table,
    scale : 30,
    maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2012',lossByYear12);

//2011
var lossByYear11 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_11).reduceRegion({
    reducer : ee.Reducer.sum().group({
        groupField: 1
    }),
    geometry : table,
    scale : 30,
    maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2011',lossByYear11);

//2010
var lossByYear10 =
lossAreaImage.addBands(Loss_CCI_MOD_Clip_10).reduceRegion({
    reducer : ee.Reducer.sum().group({
        groupField: 1
    }),
    geometry : table,
    scale : 30,
    maxPixels:1e9
});
print ('Hansen Clip CCI_MOD Tahun 2010',lossByYear10);

//-----Convert dan Export Hansen-FireCCI51-MCD64A1 To
Point
//TO POINT 2019
var vectors = Loss_CCI_MOD_Clip_19.sample({
    region: table,
    geometries: true,
});
print(vectors);

```

```

//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '19',
  fileFormat: 'SHP',
  folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2018
var vectors = Loss_CCI_MOD_Clip_18.sample({
  region: table,
  geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '18',
  fileFormat: 'SHP',
  folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2017
var vectors = Loss_CCI_MOD_Clip_17.sample({
  region: table,
  geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '17',
  fileFormat: 'SHP',
  folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2016
var vectors = Loss_CCI_MOD_Clip_16.sample({
  region: table,
  geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '16',
  fileFormat: 'SHP',
  folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2015
var vectors = Loss_CCI_MOD_Clip_15.sample({
  region: table,
  geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '15',

```

```

        fileFormat: 'SHP',
        folder : 'Hansen-FireCCI51-MCD64A1_Point'
    });

//TO POINT 2014
var vectors = Loss_CCI_MOD_Clip_14.sample({
    region: table,
    geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
    collection: vectors,
    description: '14',
    fileFormat: 'SHP',
    folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2013
var vectors = Loss_CCI_MOD_Clip_13.sample({
    region: table,
    geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
    collection: vectors,
    description: '13',
    fileFormat: 'SHP',
    folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2012
var vectors = Loss_CCI_MOD_Clip_12.sample({
    region: table,
    geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
    collection: vectors,
    description: '12',
    fileFormat: 'SHP',
    folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2011
var vectors = Loss_CCI_MOD_Clip_11.sample({
    region: table,
    geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
    collection: vectors,
    description: '11',
    fileFormat: 'SHP',
    folder : 'Hansen-FireCCI51-MCD64A1_Point'
});

//TO POINT 2010

```

```
var vectors = Loss_CCI_MOD_Clip_10.sample({
  region: table,
  geometries: true,
});
print(vectors);
//Map.addLayer(vectors, {}, 'point');
// Export Vector data.
Export.table.toDrive({
  collection: vectors,
  description: '10',
  fileFormat: 'SHP',
  folder : 'Hansen-FireCCI51-MCD64A1_Point'
});
```