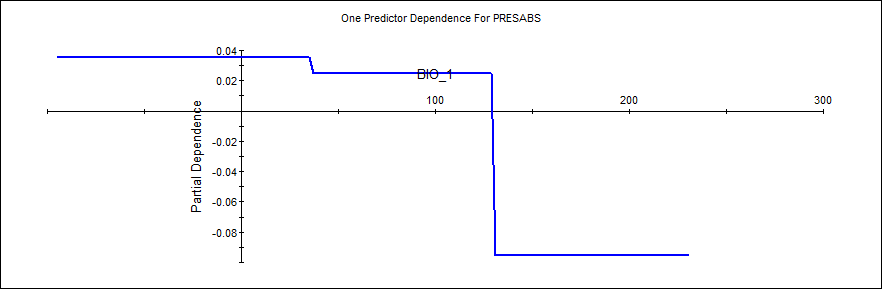
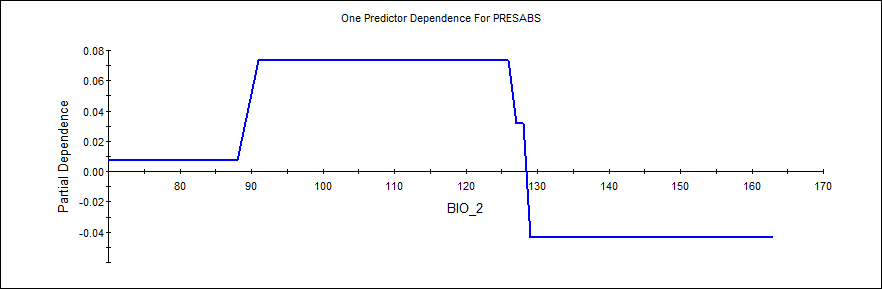
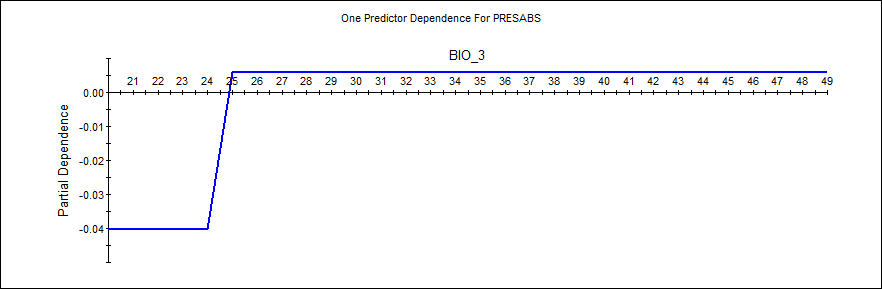
**Supplement S6 Partial dependence plots of each variable**

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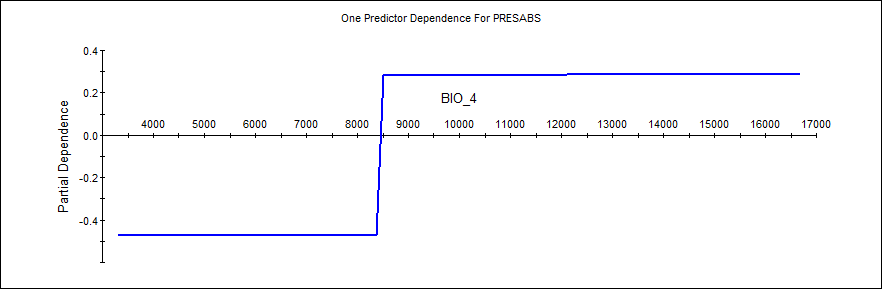
**Bio\_1**

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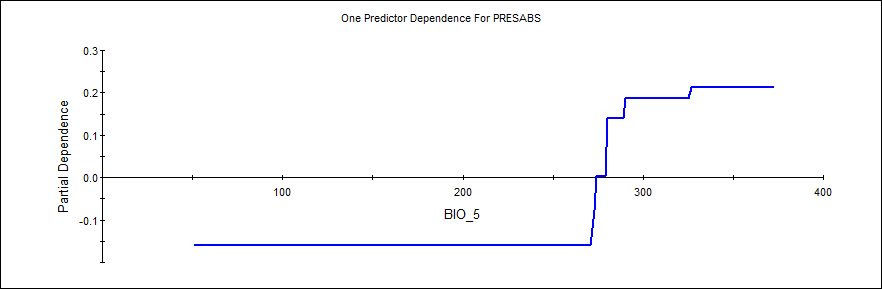
**Bio\_2**

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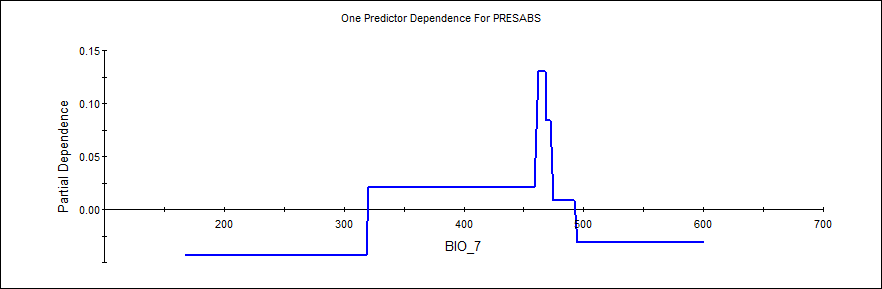
**Bio\_3**

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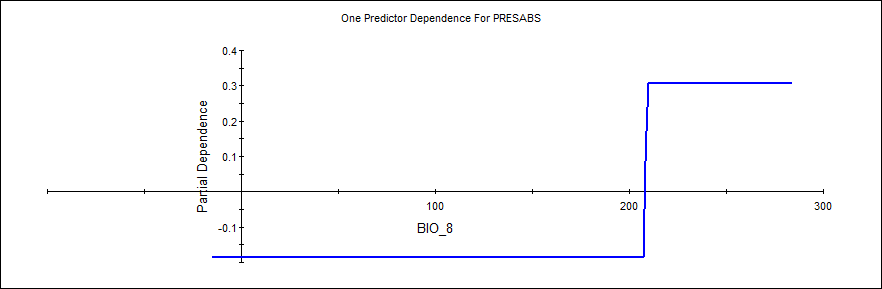
**Bio\_4**

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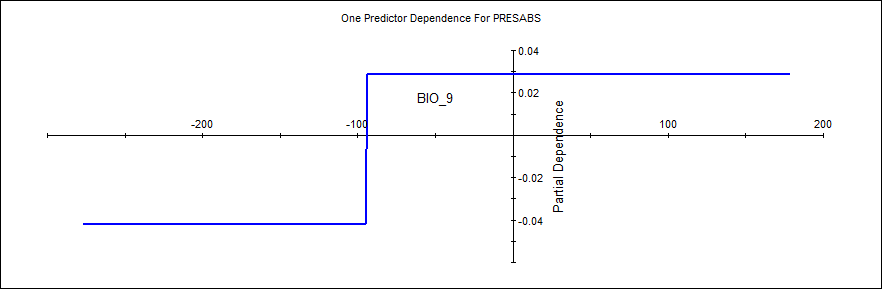
**Bio\_5**

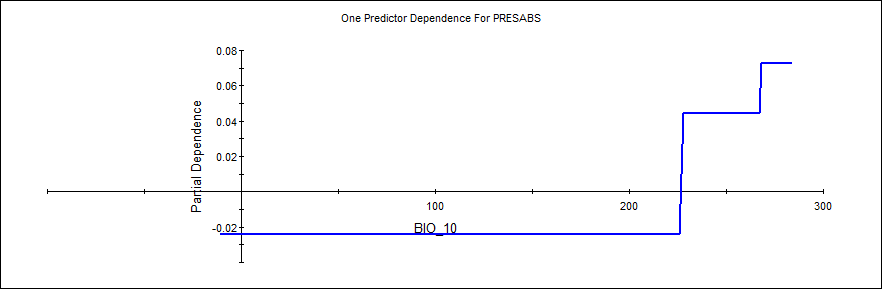
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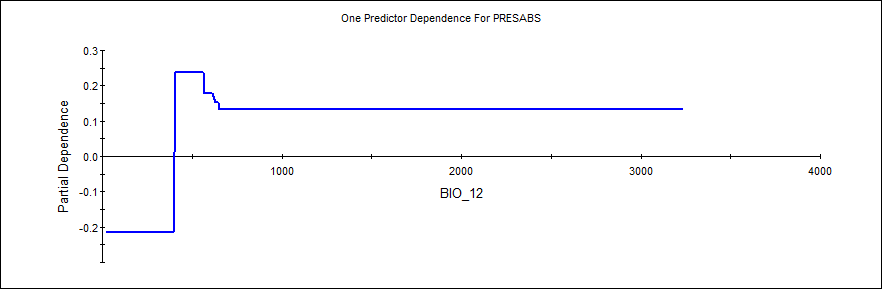
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**Bio\_8**

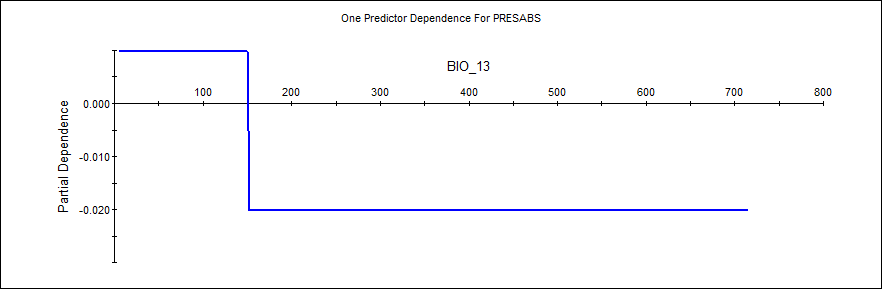
**Bio\_9**

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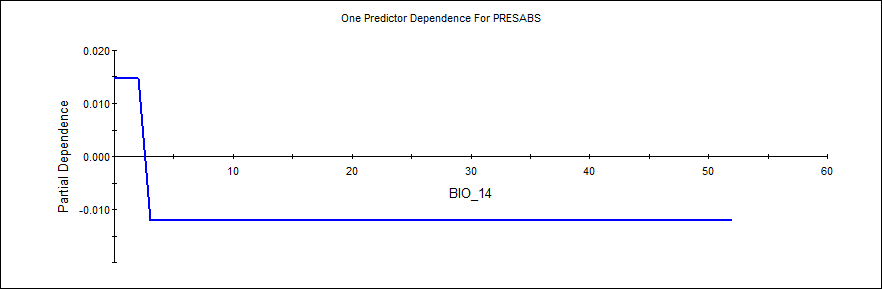
**Bio\_10**

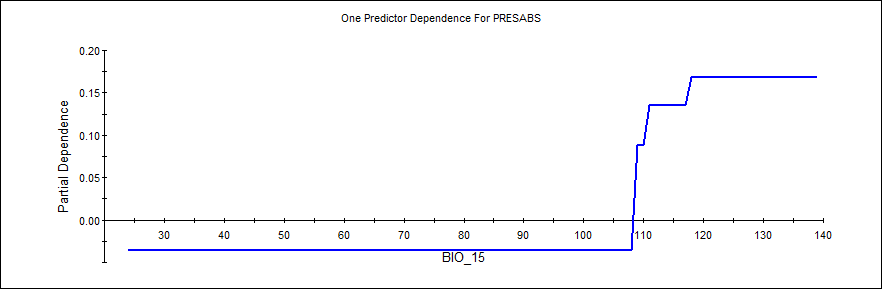
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**Bio\_12**

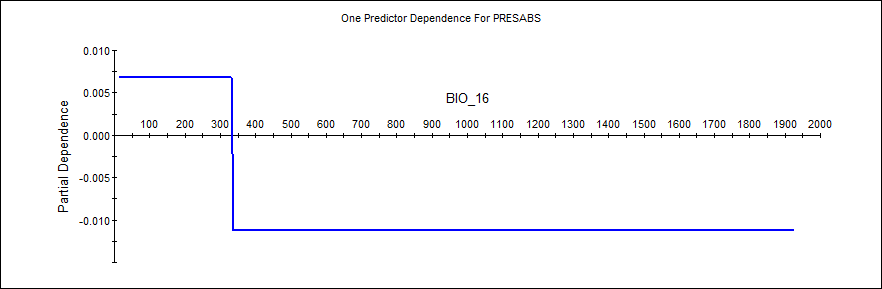
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**Bio\_13**

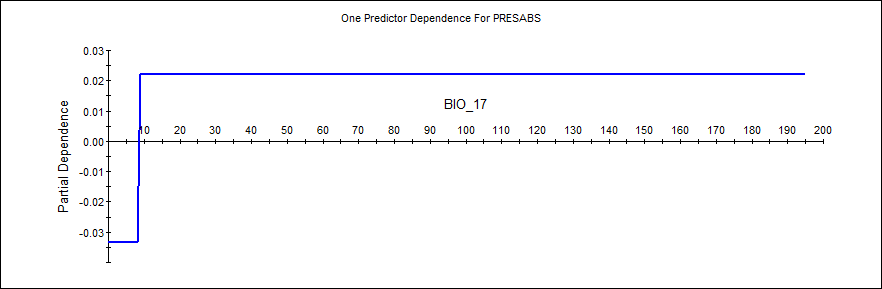
**Bio\_14**

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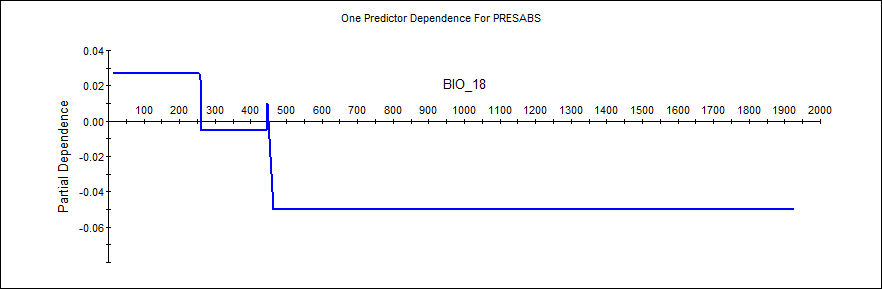
**Bio\_15**

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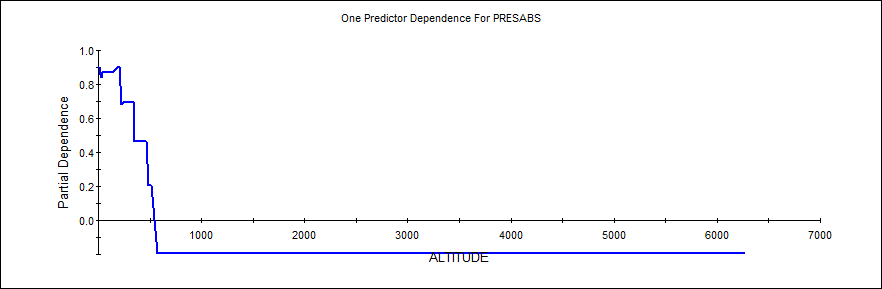
**Bio\_16**

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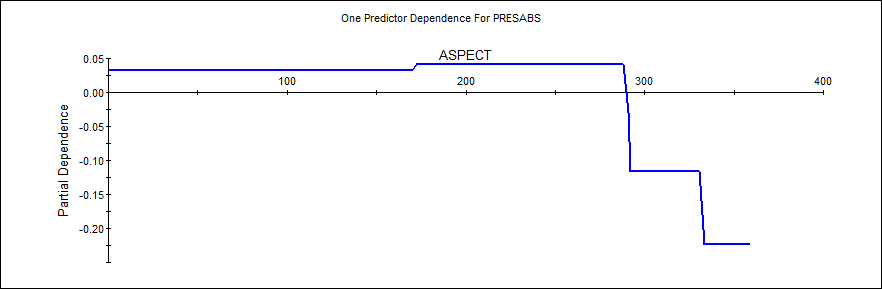
**Bio\_17**

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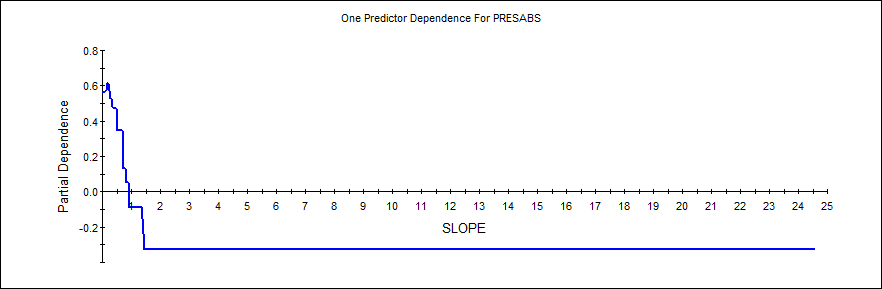
**Bio\_18**

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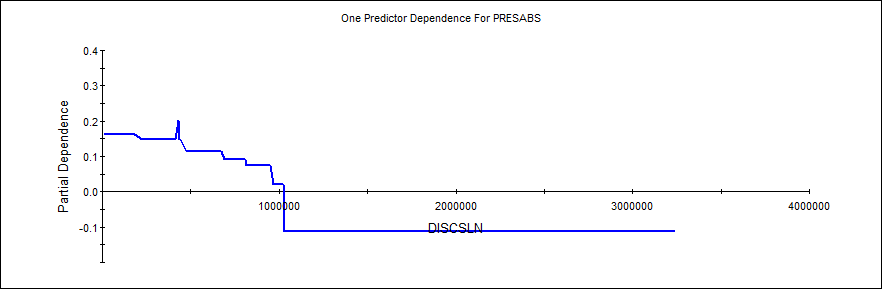
**Altitude**

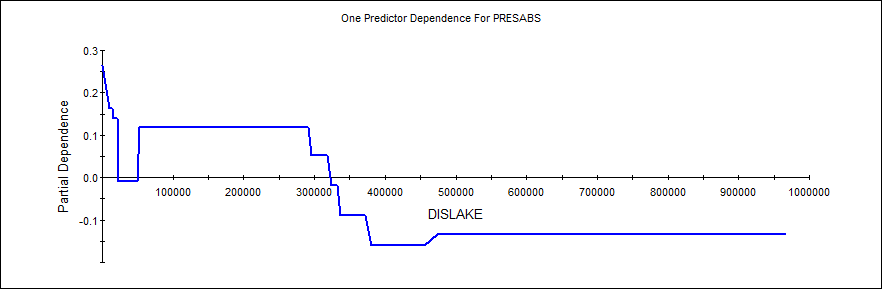
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**Aspect**

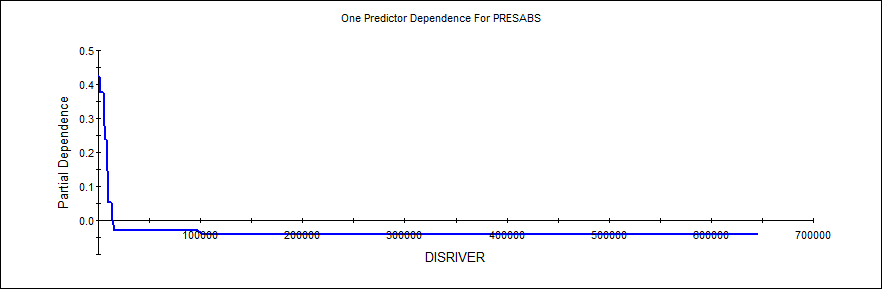
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**Slope**

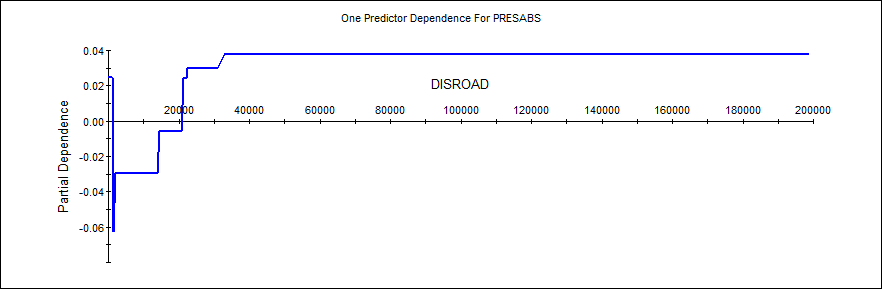
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**Distance to coastline**

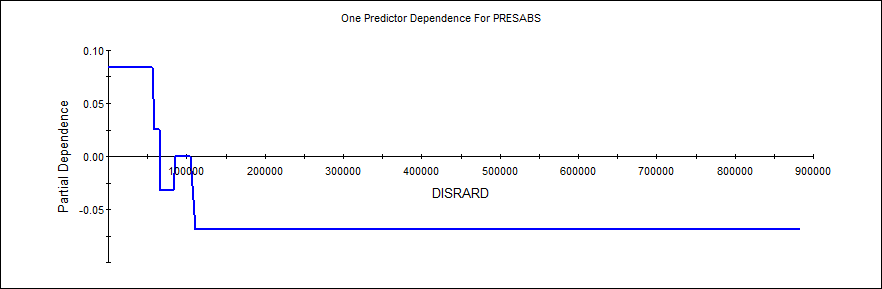
**Distance to lake**

****

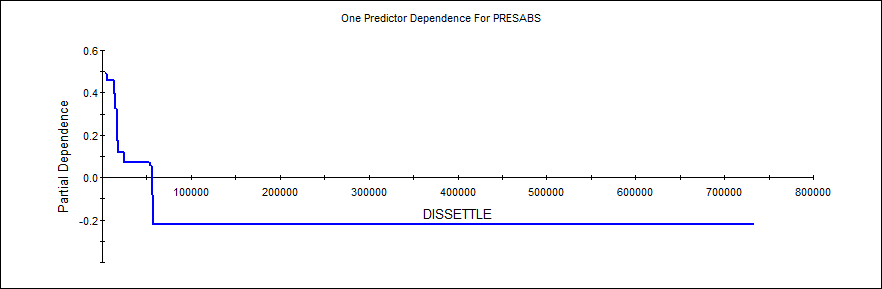
**Distance to river**

****

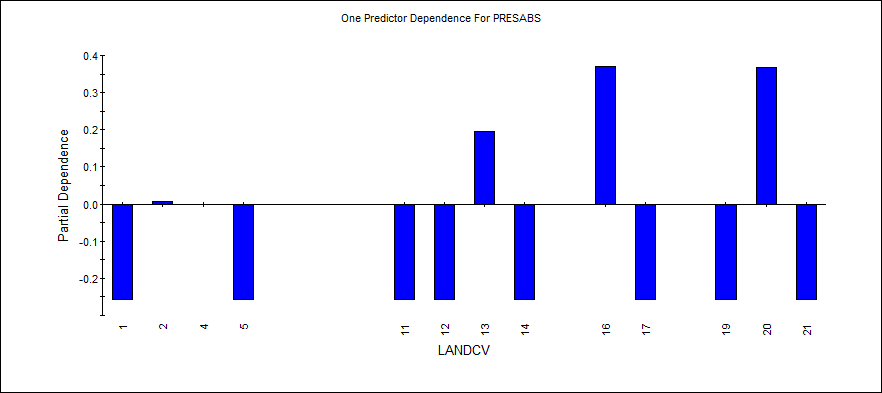
**Distance to road**

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**Distance to rail road**

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**Distance to settlement**

****

**Land cover**

**The legend of land cover layer**

|  |  |
| --- | --- |
|  | GLC Global Class (according to LCCS terminology) |
|  | Tree Cover, broadleaved, evergreen  *LCCS >15% tree cover, tree height >3m*  (Examples of sub-classes at regional level\* :  *closed > 40% tree cove; open 15-40% tree cover)* |
|
|  | Tree Cover, broadleaved, deciduous, closed |
|  | Tree Cover, broadleaved, deciduous, open  *(open 15-40% tree cover)* |
|  | Tree Cover, needle-leaved, evergreen |
|  | Tree Cover, needle-leaved, deciduous |
|  | Tree Cover, mixed leaf type |
|  | Tree Cover, regularly flooded, fresh water (& brackish) |
|  | Tree Cover, regularly flooded, saline water,  (daily variation of water level) |
|  | Mosaic:  Tree cover / Other natural vegetation |
|  | Tree Cover, burnt |
|  | Shrub Cover, closed-open, evergreen  (Examples of sub-classes at reg. level \*: (i) sparse tree layer) |
|  | Shrub Cover, closed-open, deciduous  (Examples of sub-classes at reg. level \*: (i) sparse tree layer) |
|  | Herbaceous Cover, closed-open  (Examples of sub-classes at regional level \*:  (i) natural, (ii) pasture, (iii) sparse trees or shrubs) |
|  | Sparse Herbaceous or sparse Shrub Cover |
|  | Regularly flooded Shrub and/or Herbaceous Cover |
|  | Cultivated and managed areas  (Examples of sub-classes at reg. level \*:  (i) terrestrial; (ii) aquatic (=flooded during cultivation), and under terrestrial: (iii) tree crop & shrubs (perennial), (iv) herbaceous crops (annual), non-irrigated, (v) herbaceous crops (annual), irrigated) |
|
|
|
|
|  | Mosaic:  Cropland / Tree Cover / Other natural vegetation |
|  | Mosaic:  Cropland / Shrub or Grass Cover |
|  | Bare Areas |
|  | Water Bodies (natural & artificial) |
|  | Snow and Ice (natural & artificial) |
|  | Artificial surfaces and associated areas |