

Calculating percentage land cover

1. For each of the four land covers listed, count the number of squares in which this land cover appears. The mountain land cover has been done for you. Then calculate the total value.

	No. of squares	Percentage land cover
Mountains	13	
Semi-permanent cropland		
Open shrubland		
Barren or sparsely vegetated		
TOTAL		100

2. For each land cover divide the number of squares (from the table above) by the Total. Then multiply this result by 100 to get the percentage land cover and complete the second column in the table.
3. Think about the method that was used here - why might it be inaccurate?

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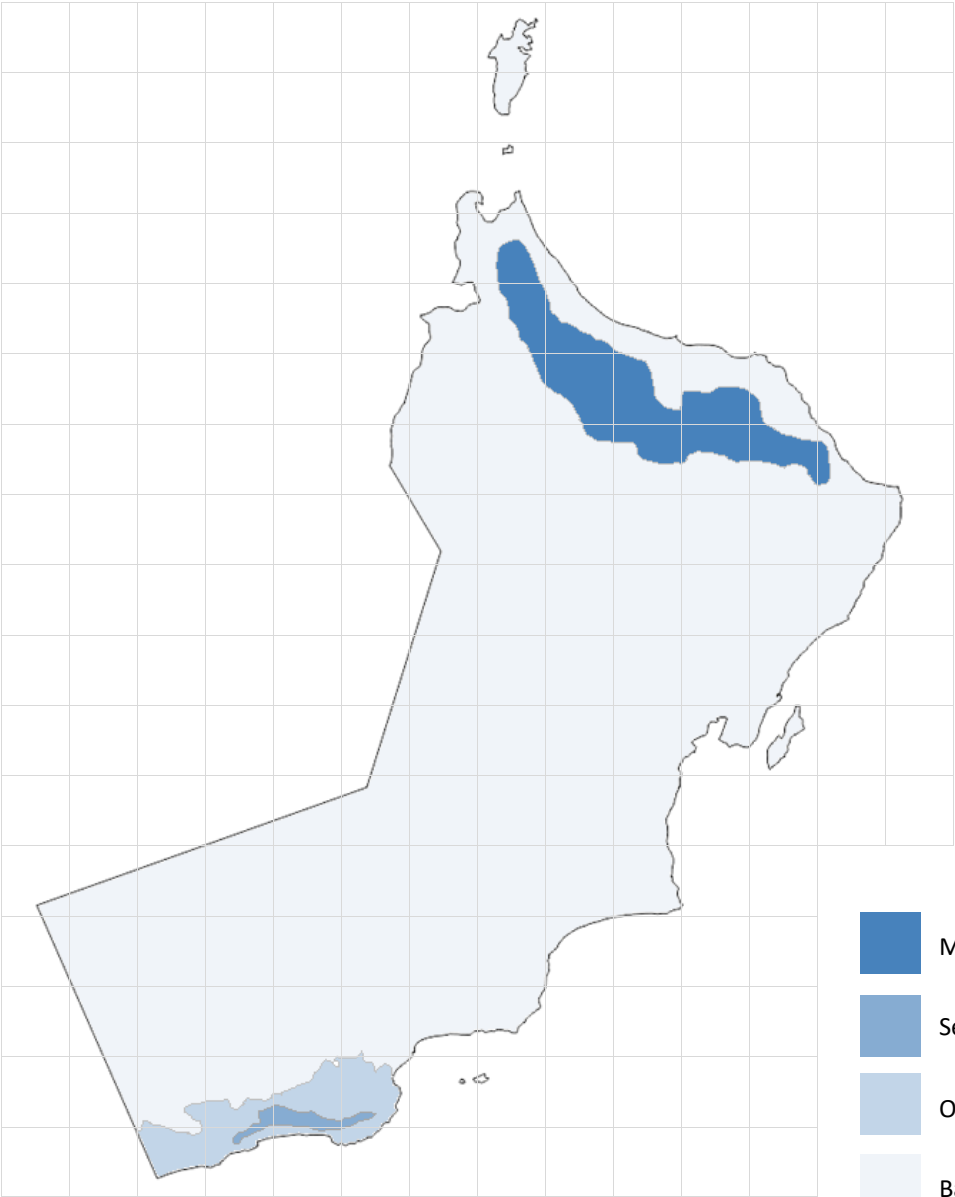
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Mountains

Semi-permanent cropland

Open shrubland

Barren or sparsely vegetated



Calculating percentage land cover - continued

4. What effect might these percentages have on the number of individual plants found in different areas of Oman?

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5. What effect might these percentages have on the number of different plant species (the plant biodiversity) found in different areas of Oman?

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