

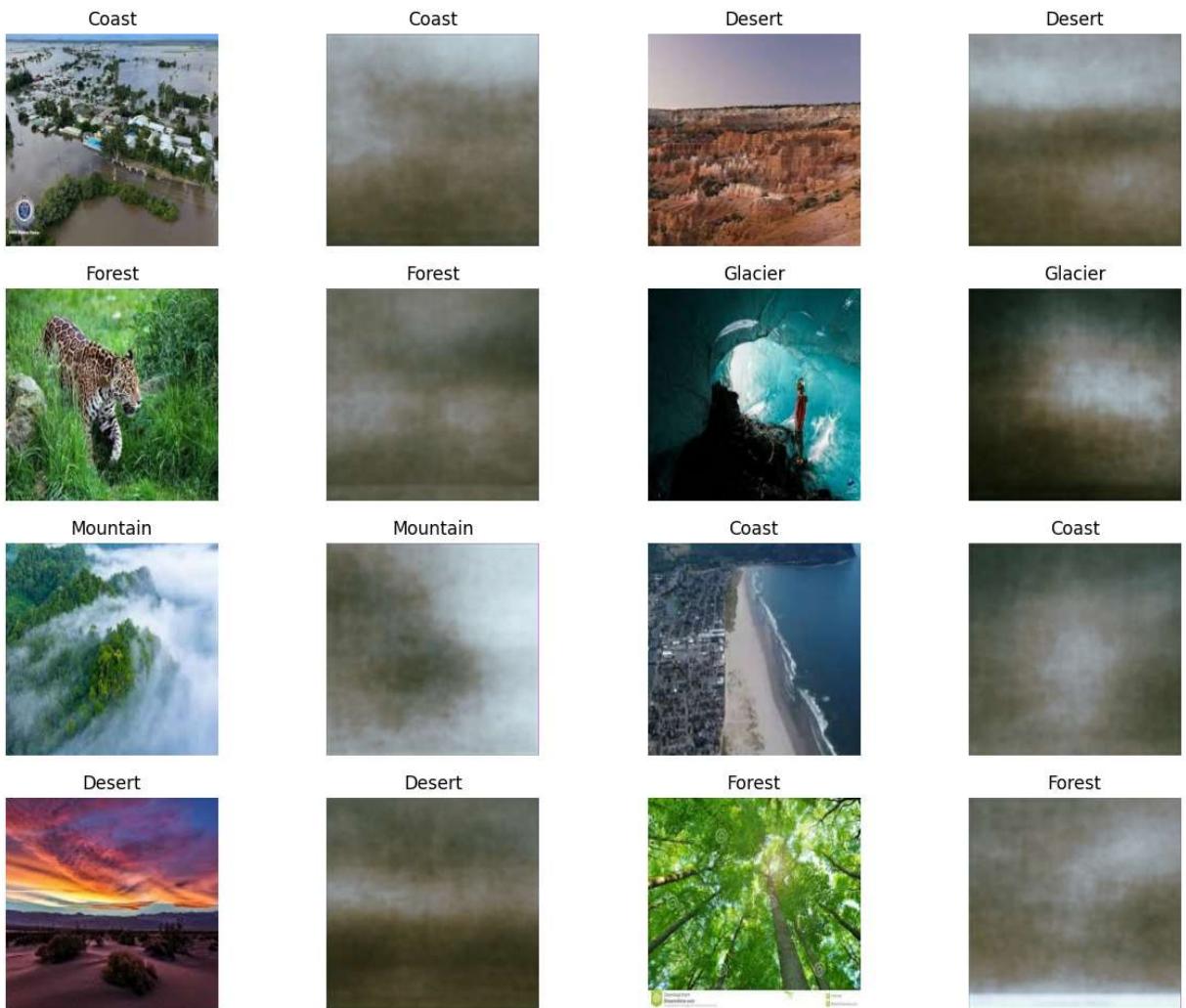
Epoch 1/100

6/Unknown - 22s 2s/step - loss: 757.7508 - reconstruction_error: 737.4442 - regularization_error: 20.3066

WARNING:tensorflow:Callback method `on_train_batch_end` is slow compared to the batch time (batch time: 0.1199s vs `on_train_batch_end` time: 1.9717s). Check your callbacks.

600/Unknown - 145s 225ms/step - loss: 478.8665 - reconstruction_error: 453.0079 - regularization_error: 25.8585

[2023-11-21 23:25:28.547081]: Reconstructing images for epoch 1 ...

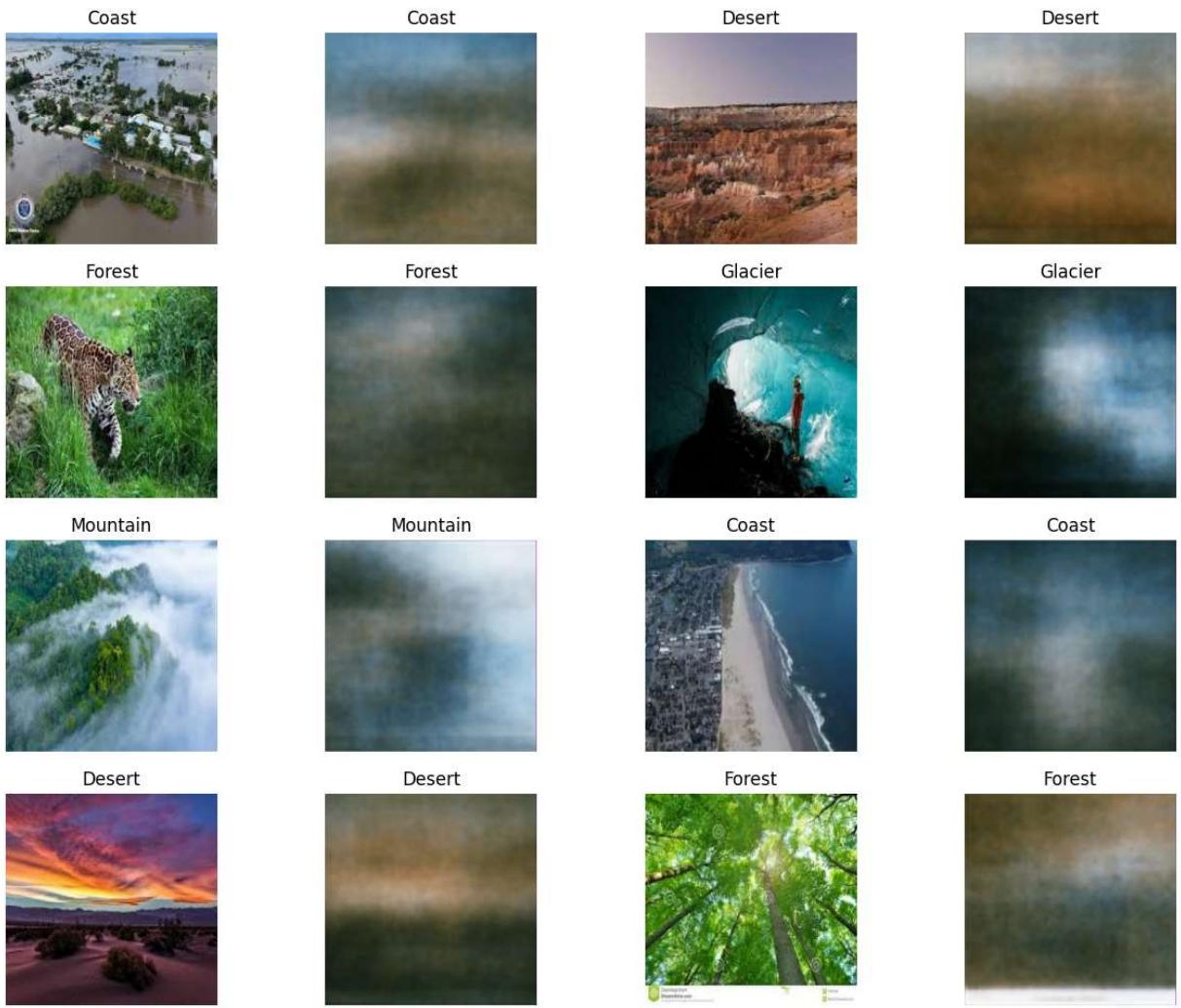


600/600 [=====] - 181s 285ms/step - loss: 478.8665 - reconstruction_error: 453.0079 - regularization_error: 25.8585 - val_loss: 377.7643 - val_reconstruction_error: 340.9682 - val_regularization_error: 36.7962

Epoch 2/100

600/600 [=====] - ETA: 0s - loss: 316.0276 - reconstruction_error: 270.3012 - regularization_error: 45.7260

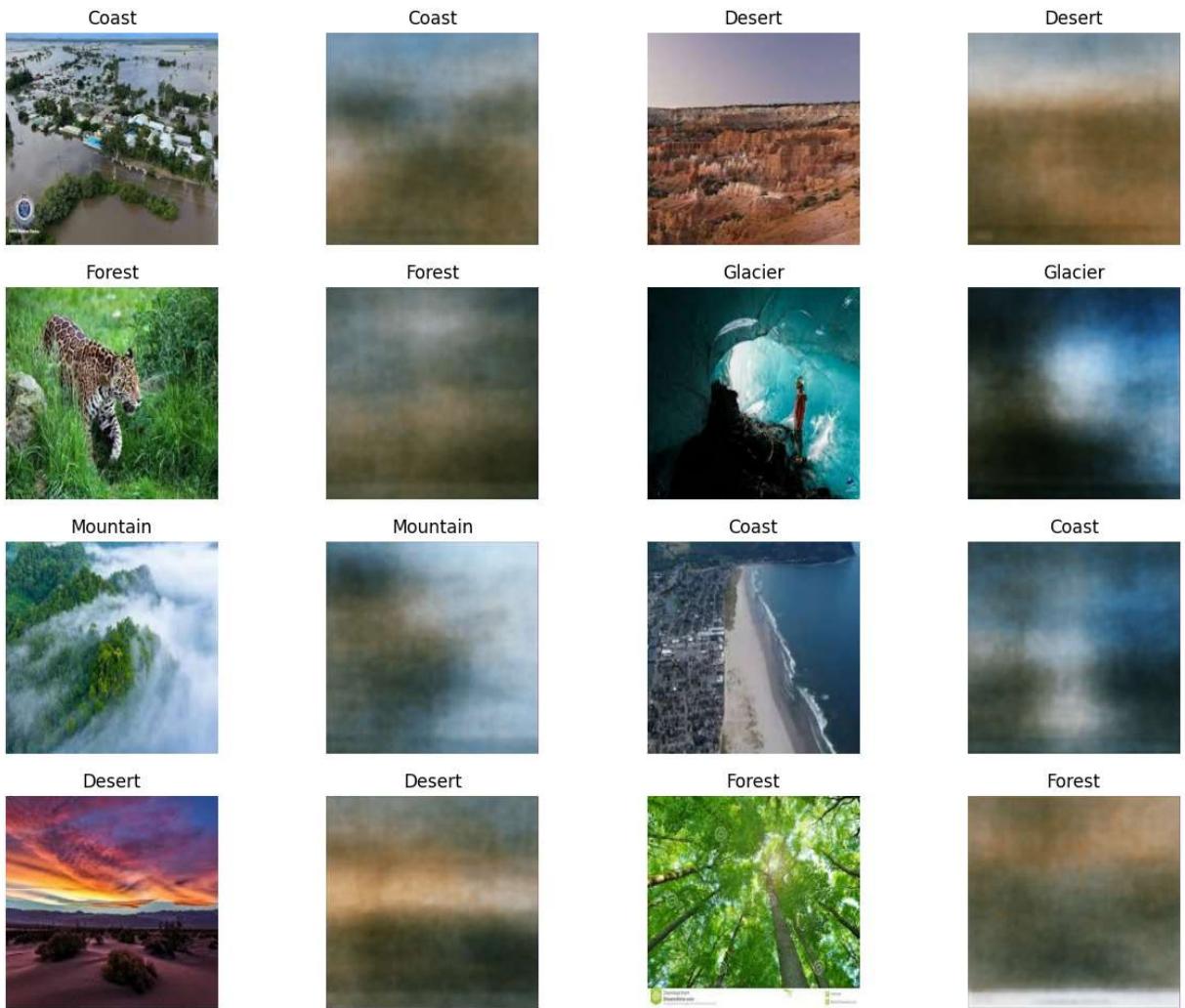
[2023-11-21 23:27:49.517953]: Reconstructing images for epoch 2 ...



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600/600 [=====] - 140s 232ms/step - loss: 316.0276 - reconstruction_error: 270.3012 - regularization_error: 45.7260 - val_loss: 296.6963 - val_reconstruction_error: 244.4860 - val_regularization_error: 52.2103
Epoch 3/100
600/600 [=====] - ETA: 0s - loss: 285.6232 - reconstruction_error: 235.3699 - regularization_error: 50.2534
[2023-11-21 23:30:09.831603]: Reconstructing images for epoch 3 ...

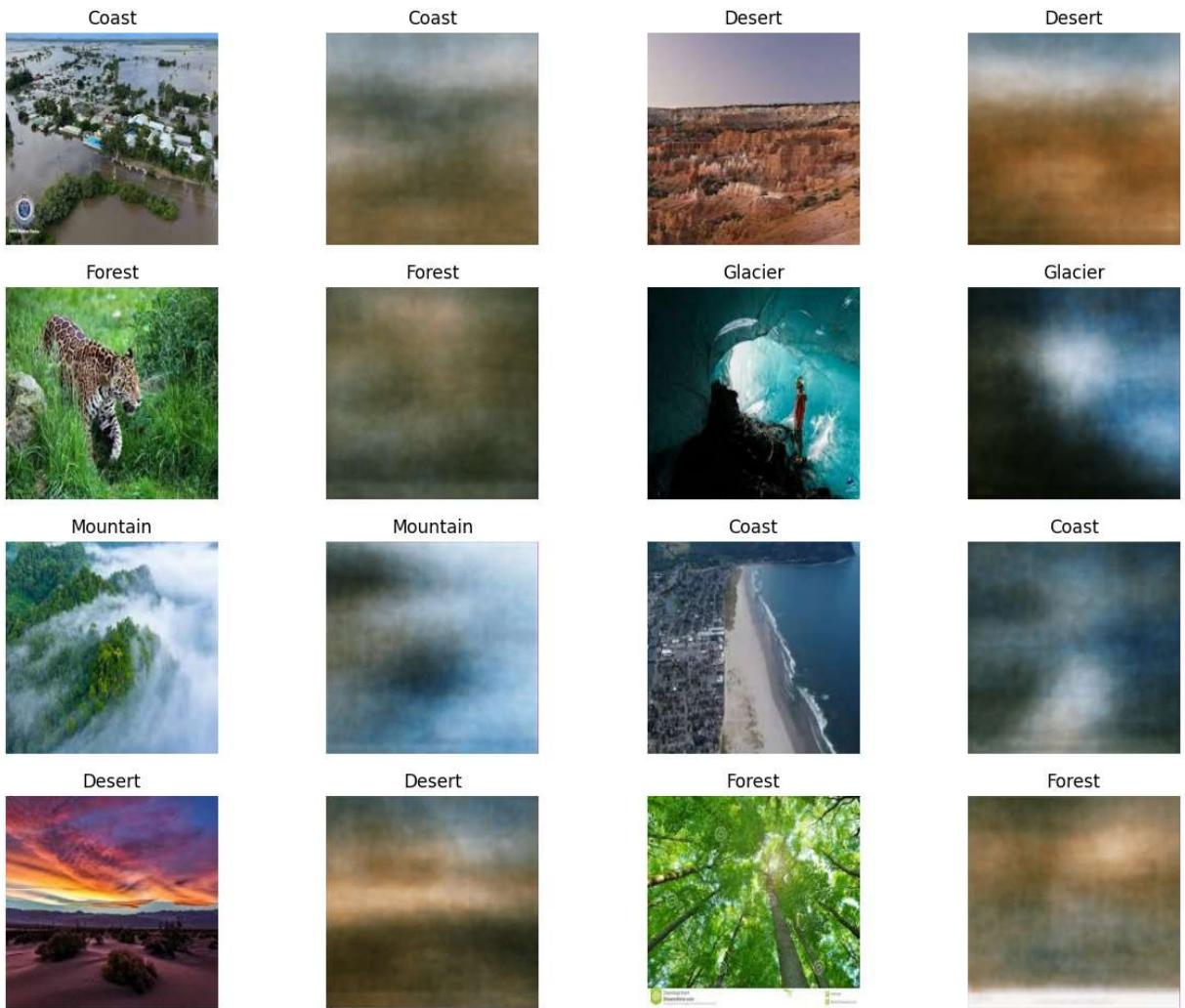
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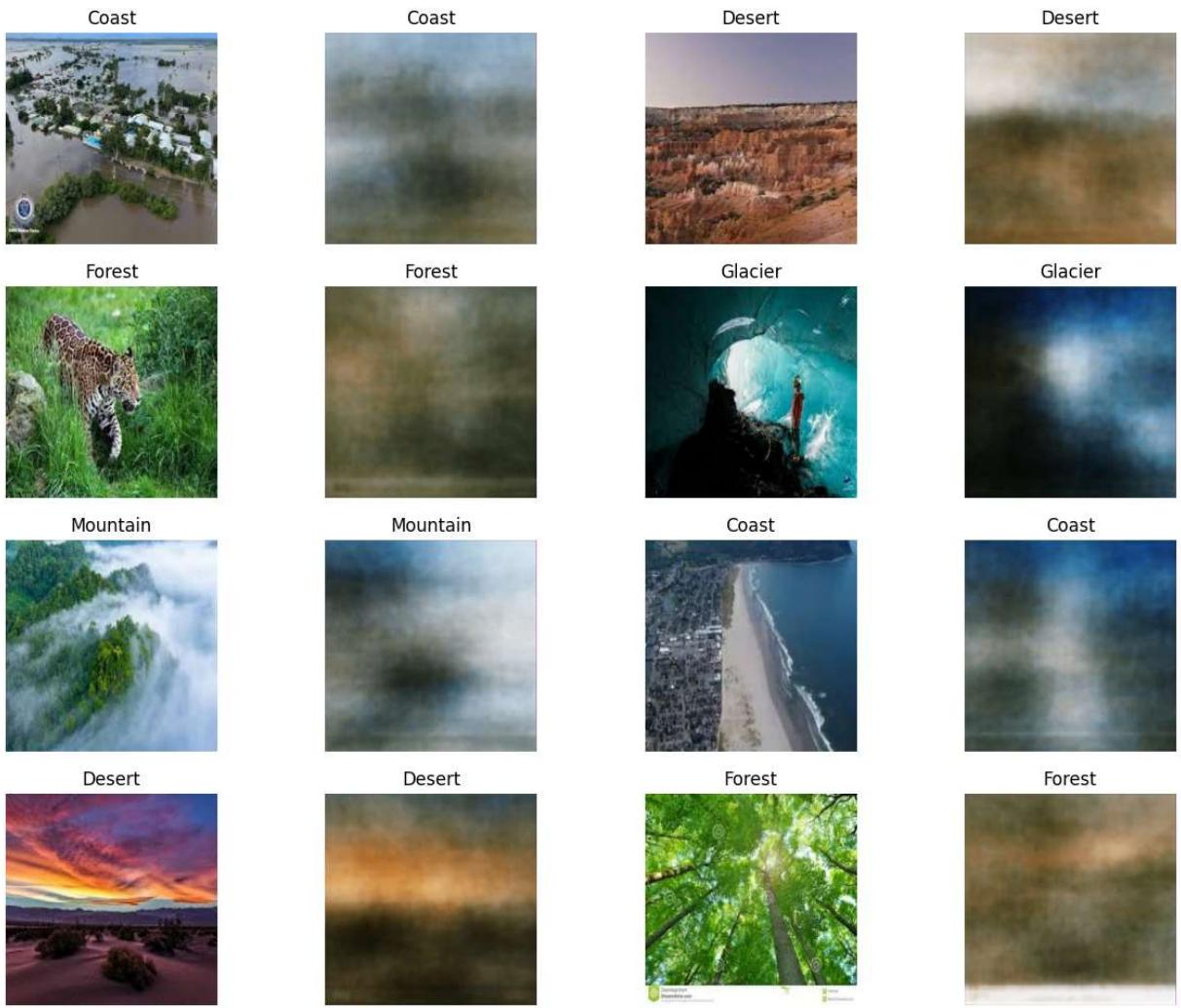
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600/600 [=====] - 141s 234ms/step - loss: 285.6232 - reconstruction_error: 235.3699 - regularization_error: 50.2534 - val_loss: 282.2736 - val_reconstruction_error: 232.6586 - val_regularization_error: 49.6150
Epoch 4/100
600/600 [=====] - ETA: 0s - loss: 273.2134 - reconstruction_error: 222.3299 - regularization_error: 50.8833
[2023-11-21 23:32:26.332844]: Reconstructing images for epoch 4 ...

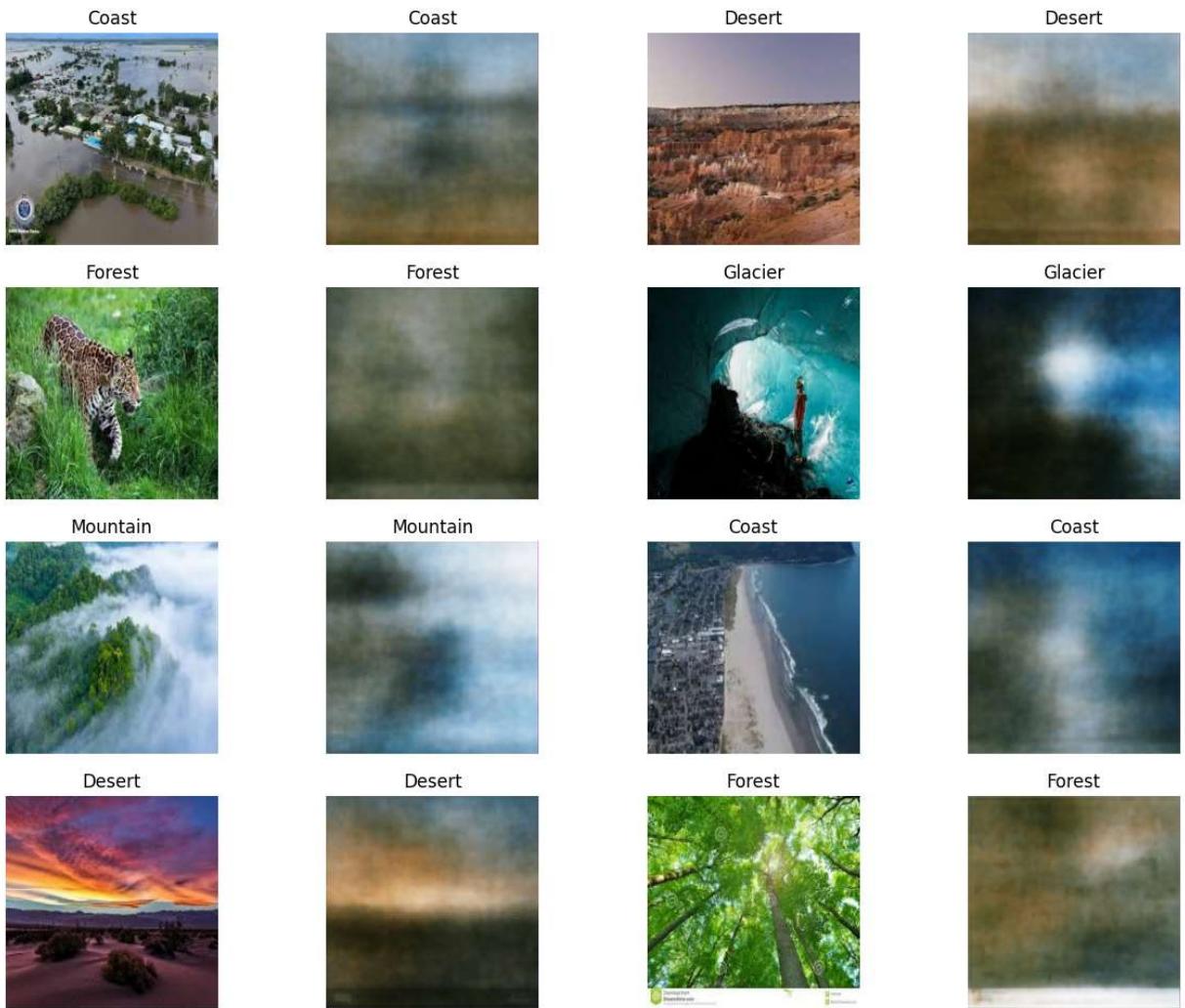
```



600/600 [=====] - 136s 226ms/step - loss: 273.2134 - reconstruction_error: 222.3299 - regularization_error: 50.8833 - val_loss: 270.3753 - val_reconstruction_error: 221.9450 - val_regularization_error: 48.4303
 Epoch 5/100
 600/600 [=====] - ETA: 0s - loss: 261.4526 - reconstruction_error: 211.2968 - regularization_error: 50.1559
 [2023-11-21 23:34:49.512488]: Reconstructing images for epoch 5 ...



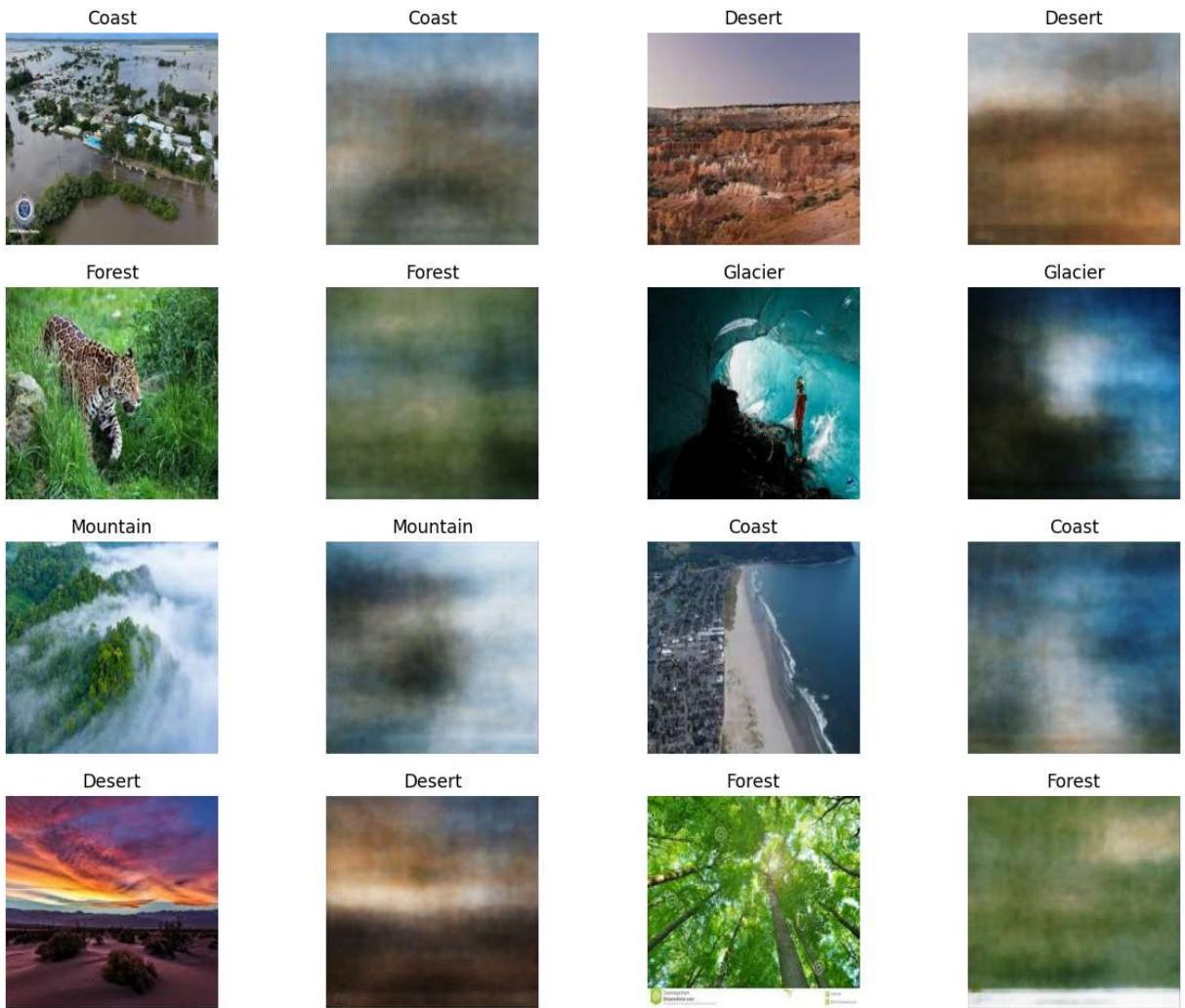
600/600 [=====] - 143s 238ms/step - loss: 261.4526 - reconstruction_error: 211.2968 - regularization_error: 50.1559 - val_loss: 260.4368 - val_reconstruction_error: 209.7563 - val_regularization_error: 50.6805
 Epoch 6/100
 600/600 [=====] - ETA: 0s - loss: 251.6435 - reconstruction_error: 202.0689 - regularization_error: 49.5746
 [2023-11-21 23:37:10.387174]: Reconstructing images for epoch 6 ...



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600/600 [=====] - 141s 235ms/step - loss: 251.6435 - reconstruction_error: 202.0689 - regularization_error: 49.5746 - val_loss: 251.9930 - val_reconstruction_error: 200.8014 - val_regularization_error: 51.1915
Epoch 7/100
600/600 [=====] - ETA: 0s - loss: 244.0750 - reconstruction_error: 194.4403 - regularization_error: 49.6347
[2023-11-21 23:39:38.491877]: Reconstructing images for epoch 7 ...

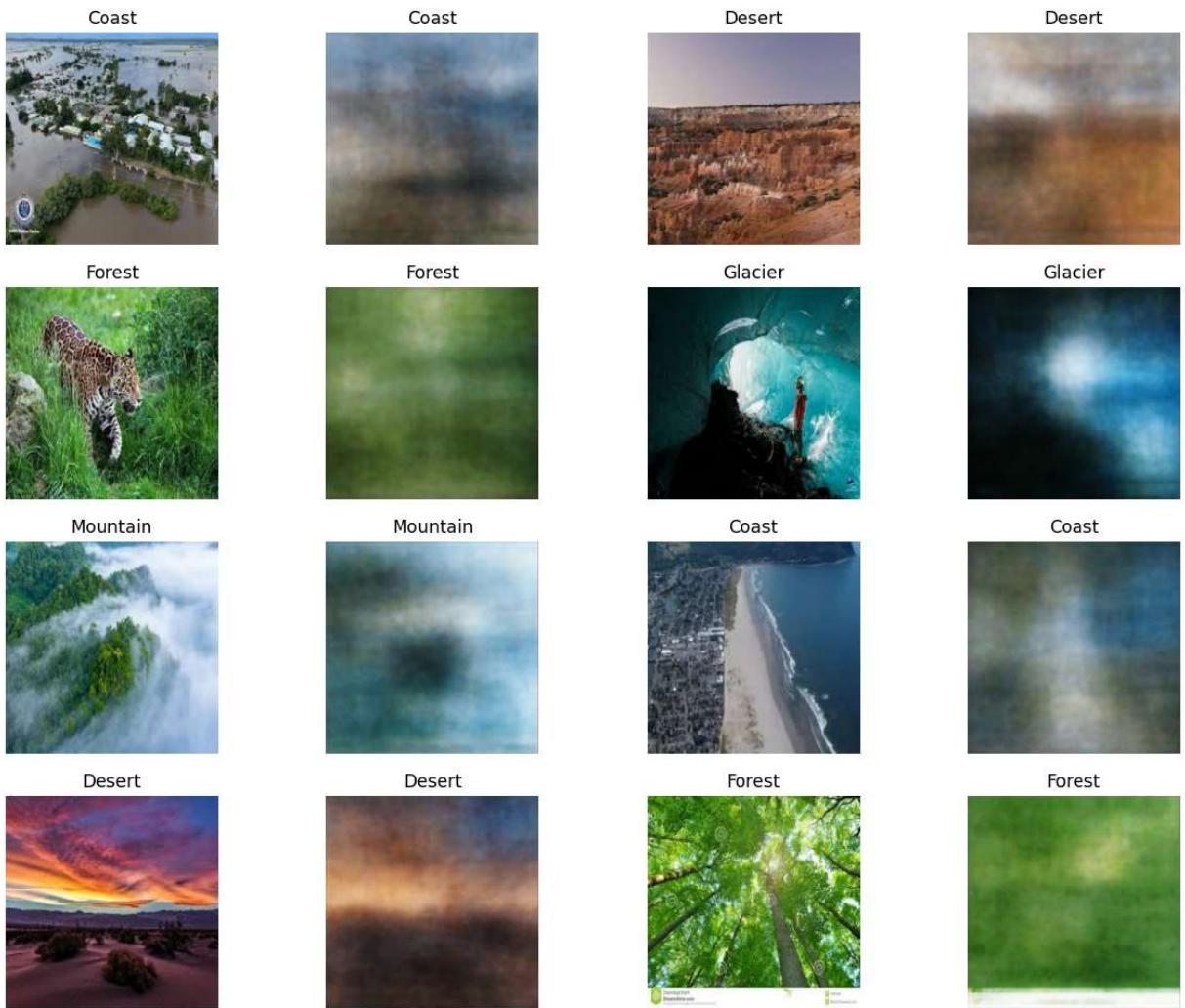
```



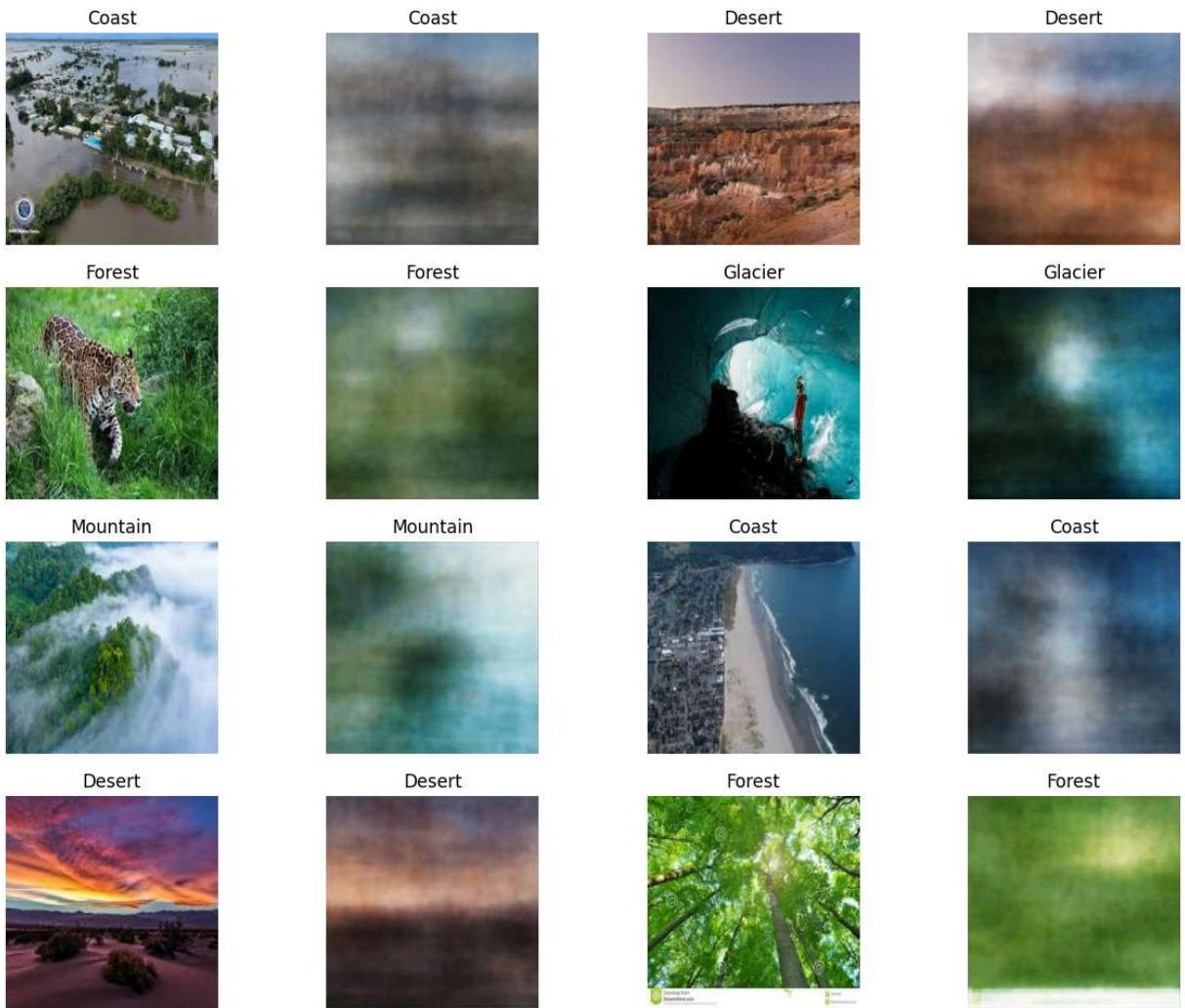
```

600/600 [=====] - 148s 247ms/step - loss: 244.0750 - reconstruction_error: 194.4403 - regularization_error: 49.6347 - val_loss: 244.1330 - val_reconstruction_error: 194.5735 - val_regularization_error: 49.5595
Epoch 8/100
600/600 [=====] - ETA: 0s - loss: 237.3987 - reconstruction_error: 187.1512 - regularization_error: 50.2476
[2023-11-21 23:41:56.466508]: Reconstructing images for epoch 8 ...

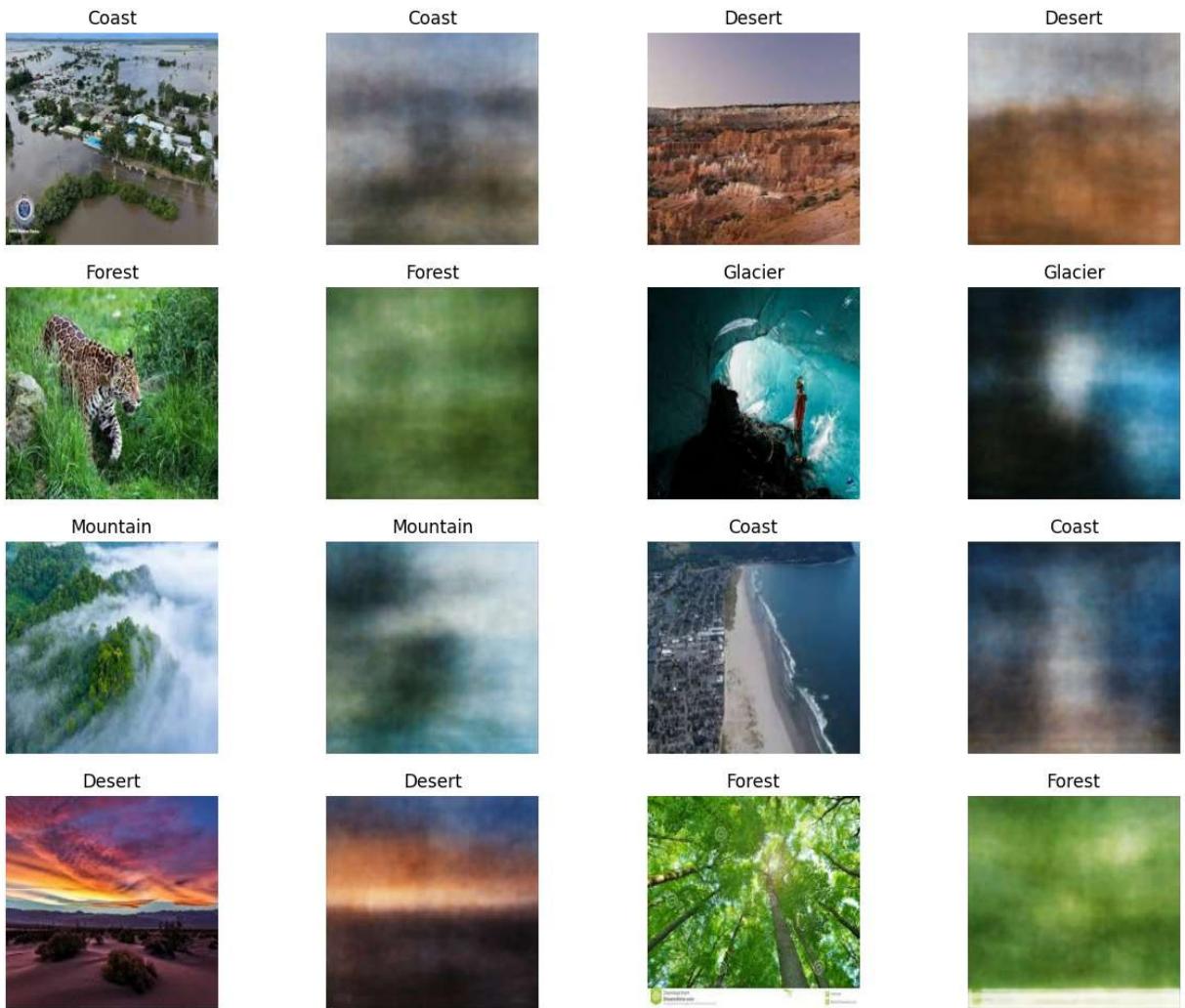
```



600/600 [=====] - 138s 230ms/step - loss: 237.3987 - reconstruction_error: 187.1512 - regularization_error: 50.2476 - val_loss: 239.2440 - val_reconstruction_error: 188.9953 - val_regularization_error: 50.2487
 Epoch 9/100
 600/600 [=====] - ETA: 0s - loss: 233.0184 - reconstruction_error: 182.5636 - regularization_error: 50.4546
 [2023-11-21 23:44:18.716773]: Reconstructing images for epoch 9 ...



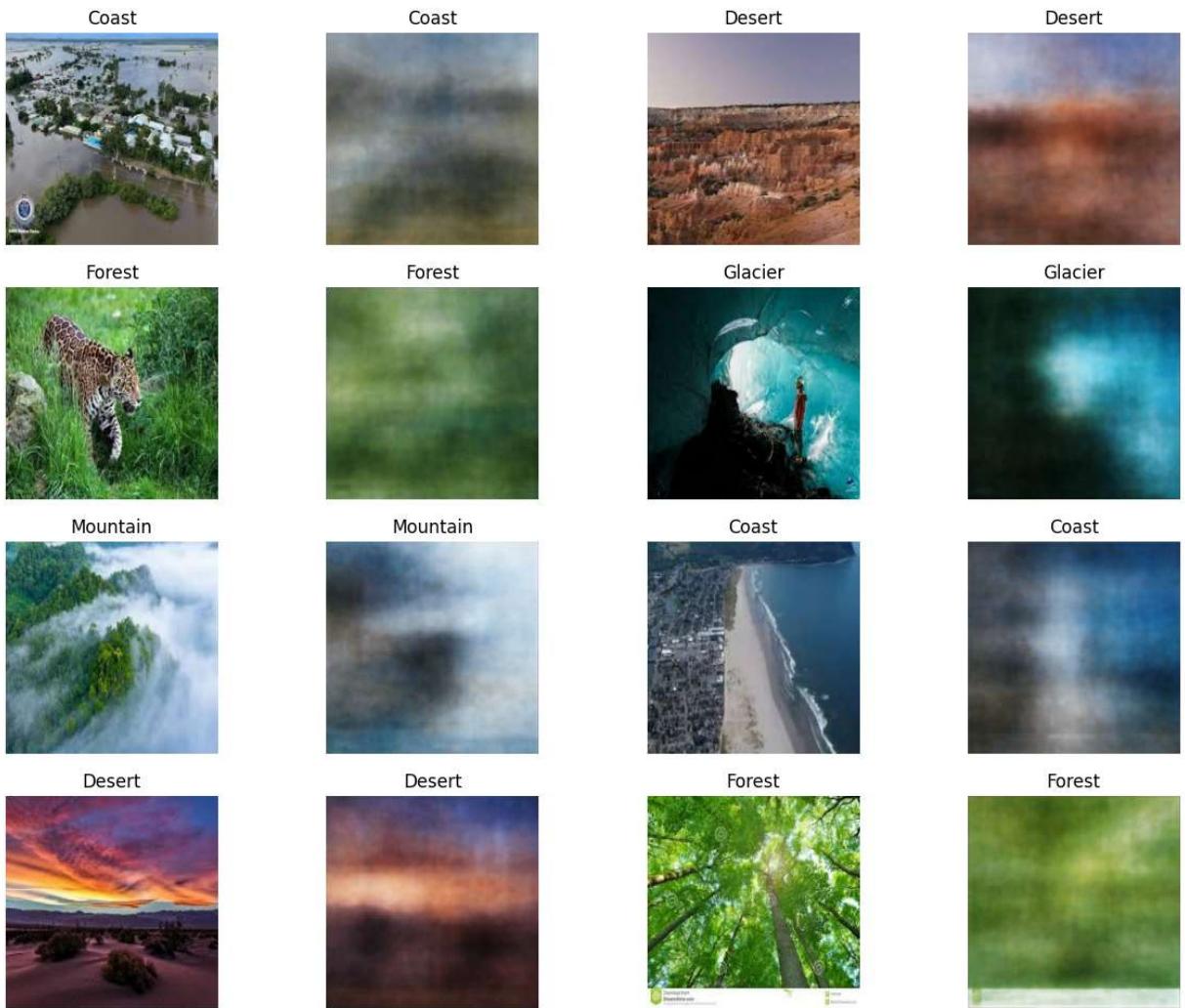
600/600 [=====] - 143s 238ms/step - loss: 233.0184 - reconstruction_error: 182.5636 - regularization_error: 50.4546 - val_loss: 237.0545 - val_reconstruction_error: 188.1667 - val_regularization_error: 48.8879
 Epoch 10/100
 600/600 [=====] - ETA: 0s - loss: 230.0119 - reconstruction_error: 179.2908 - regularization_error: 50.7212
 [2023-11-21 23:46:45.162098]: Reconstructing images for epoch 10 ...



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600/600 [=====] - 146s 242ms/step - loss: 230.0119 - reconstruction_error: 179.2908 - regularization_error: 50.7212 - val_loss: 234.1907 - val_reconstruction_error: 183.9048 - val_regularization_error: 50.2859
Epoch 11/100
600/600 [=====] - ETA: 0s - loss: 227.6579 - reconstruction_error: 176.7430 - regularization_error: 50.9149
[2023-11-21 23:49:06.913847]: Reconstructing images for epoch 11 ...

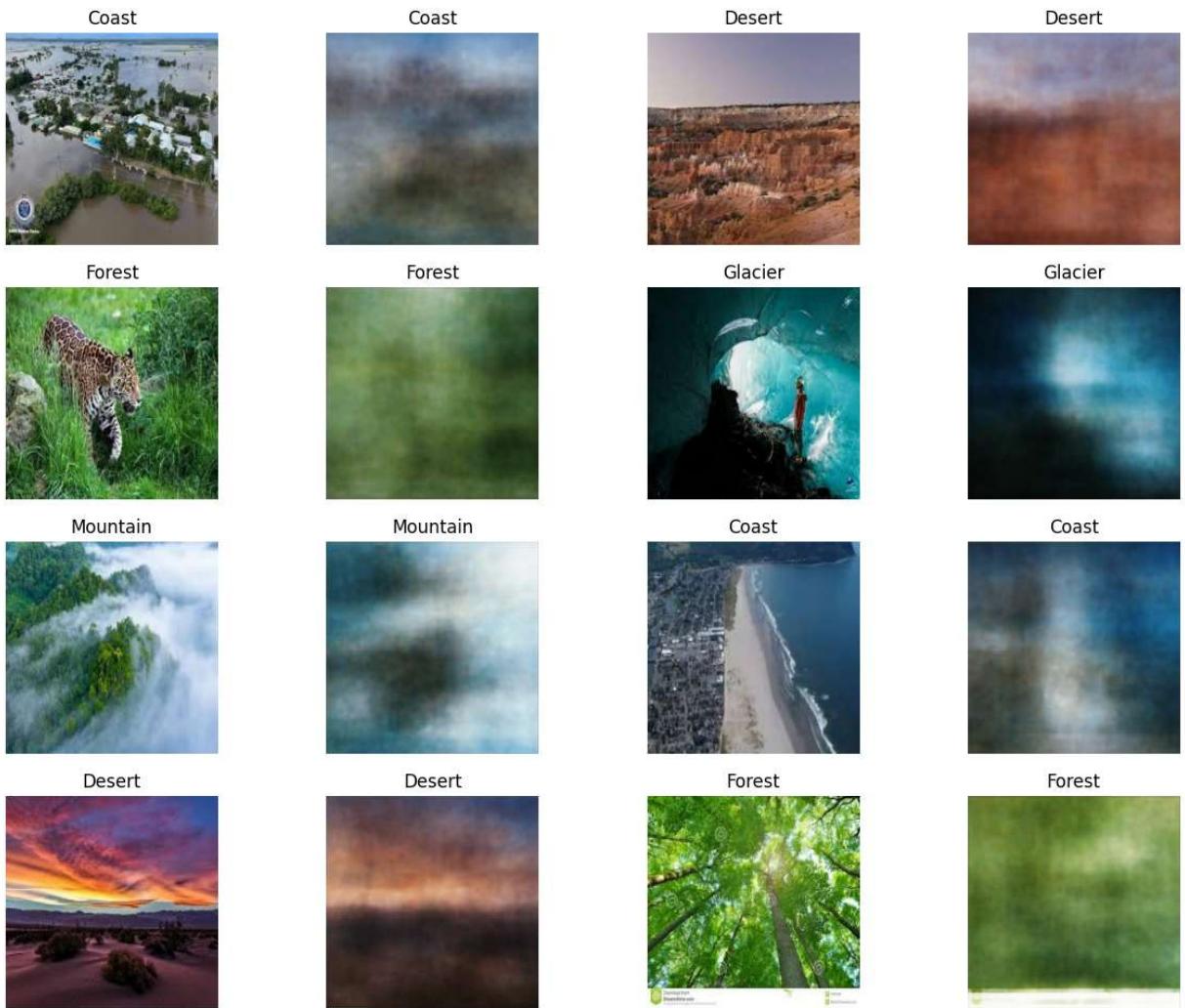
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600/600 [=====] - 142s 237ms/step - loss: 227.6579 - reconstruction_error: 176.7430 - regularization_error: 50.9149 - val_loss: 232.7291 - val_reconstruction_error: 182.1234 - val_regularization_error: 50.6057
Epoch 12/100
600/600 [=====] - ETA: 0s - loss: 225.6114 - reconstruction_error: 174.5194 - regularization_error: 51.0918
[2023-11-21 23:51:35.123404]: Reconstructing images for epoch 12 ...

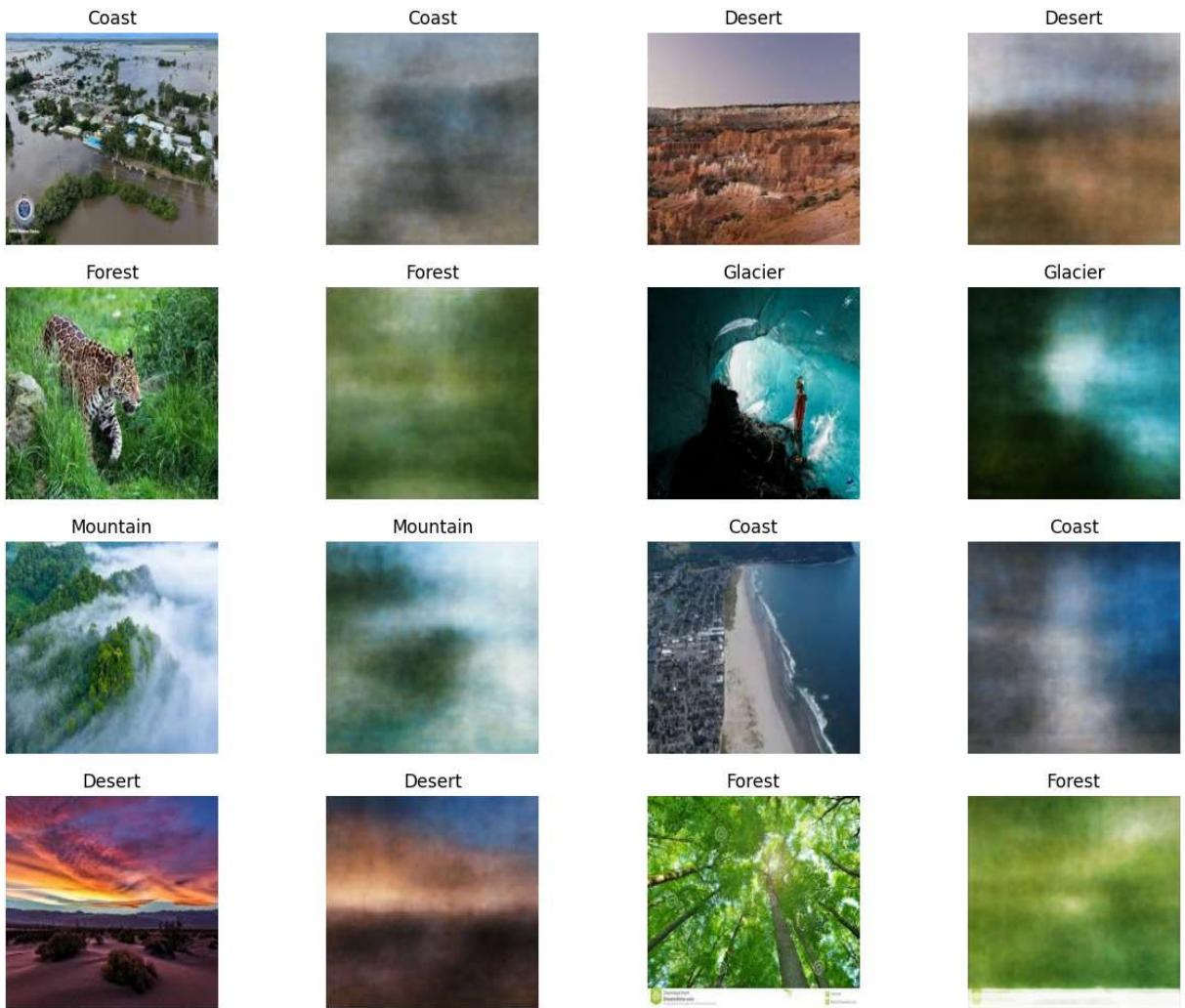
```



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600/600 [=====] - 148s 247ms/step - loss: 225.6114 - reconstruction_error: 174.5194 - regularization_error: 51.0918 - val_loss: 232.1216 - val_reconstruction_error: 182.5067 - val_regularization_error: 49.6149
Epoch 13/100
600/600 [=====] - ETA: 0s - loss: 223.9962 - reconstruction_error: 172.7489 - regularization_error: 51.2472
[2023-11-21 23:53:49.934313]: Reconstructing images for epoch 13 ...

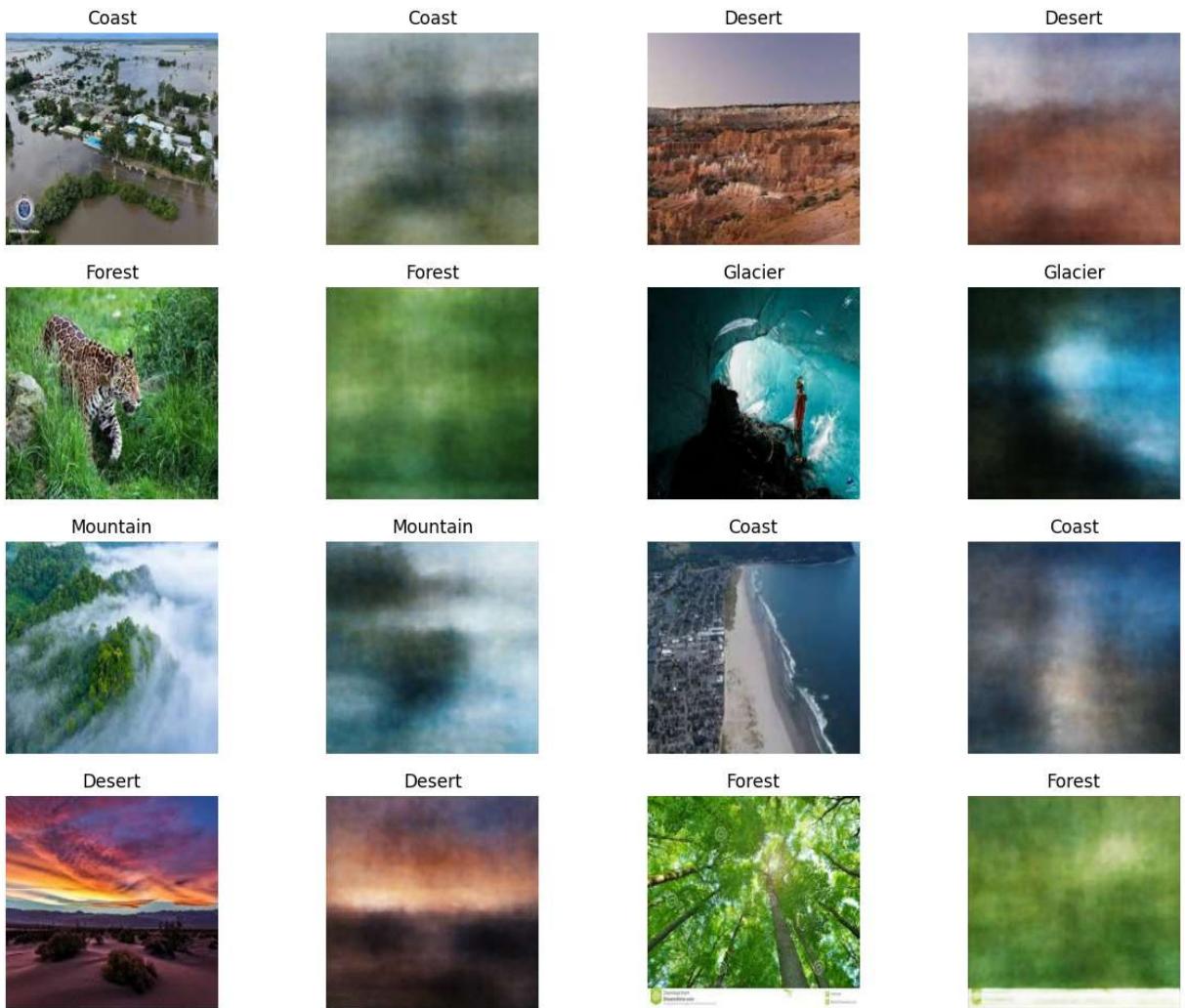
```



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600/600 [=====] - 135s 224ms/step - loss: 223.9962 - reconstruction_error: 172.7489 - regularization_error: 51.2472 - val_loss: 229.3066 - val_reconstruction_error: 178.2310 - val_regularization_error: 51.0756
Epoch 14/100
600/600 [=====] - ETA: 0s - loss: 222.3018 - reconstruction_error: 170.9015 - regularization_error: 51.4002
[2023-11-21 23:56:07.980853]: Reconstructing images for epoch 14 ...

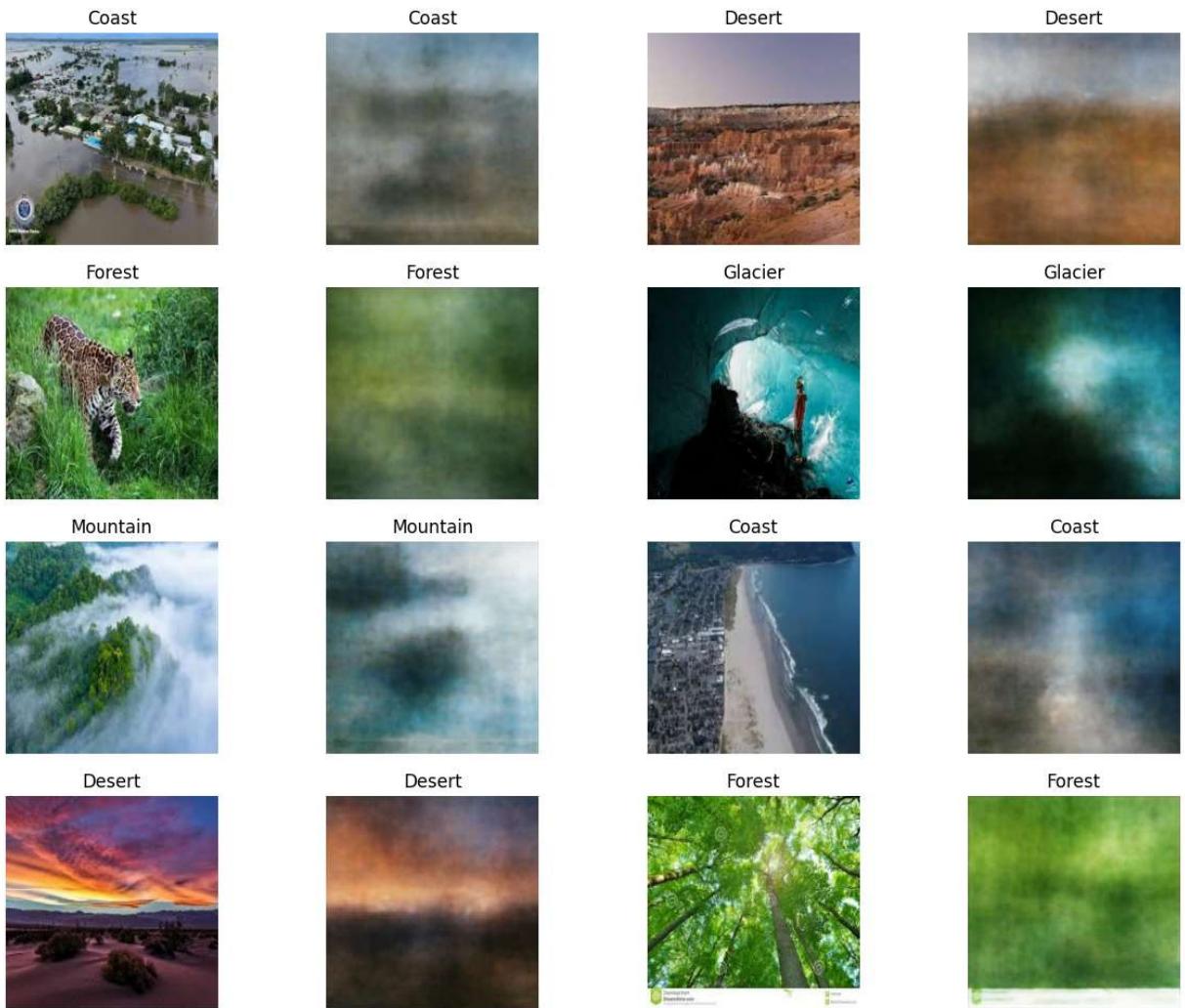
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600/600 [=====] - 138s 230ms/step - loss: 222.3018 - reconstruction_error: 170.9015 - regularization_error: 51.4002 - val_loss: 228.9206 - val_reconstruction_error: 178.3541 - val_regularization_error: 50.5664
Epoch 15/100
600/600 [=====] - ETA: 0s - loss: 220.9015 - reconstruction_error: 169.2271 - regularization_error: 51.6745
[2023-11-21 23:58:22.882327]: Reconstructing images for epoch 15 ...

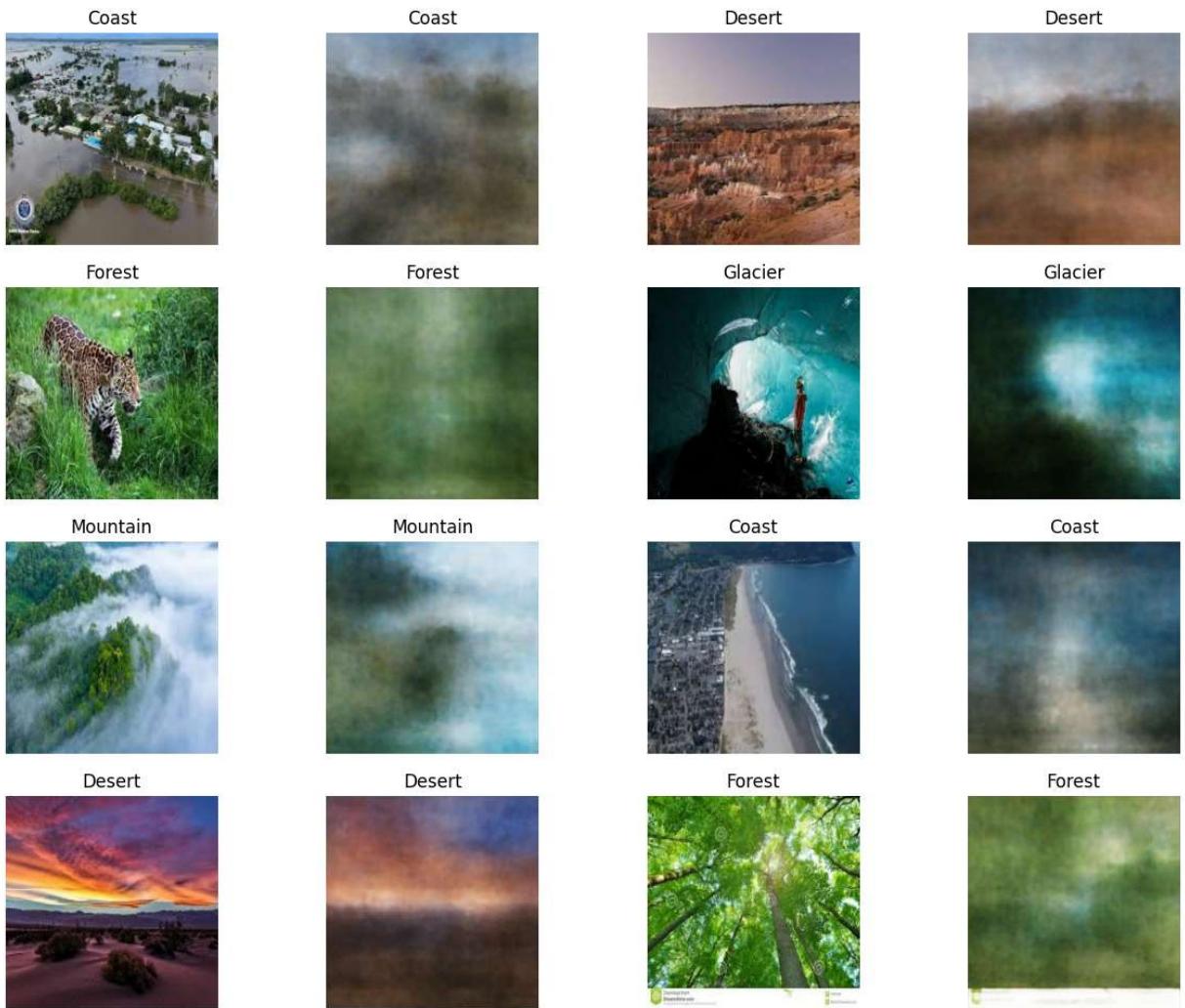
```



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600/600 [=====] - 135s 225ms/step - loss: 220.9015 - reconstruction_error: 169.2271 - regularization_error: 51.6745 - val_loss: 228.7212 - val_reconstruction_error: 178.2303 - val_regularization_error: 50.4909
Epoch 16/100
600/600 [=====] - ETA: 0s - loss: 219.8155 - reconstruction_error: 168.0829 - regularization_error: 51.7326
[2023-11-22 00:00:41.323886]: Reconstructing images for epoch 16 ...

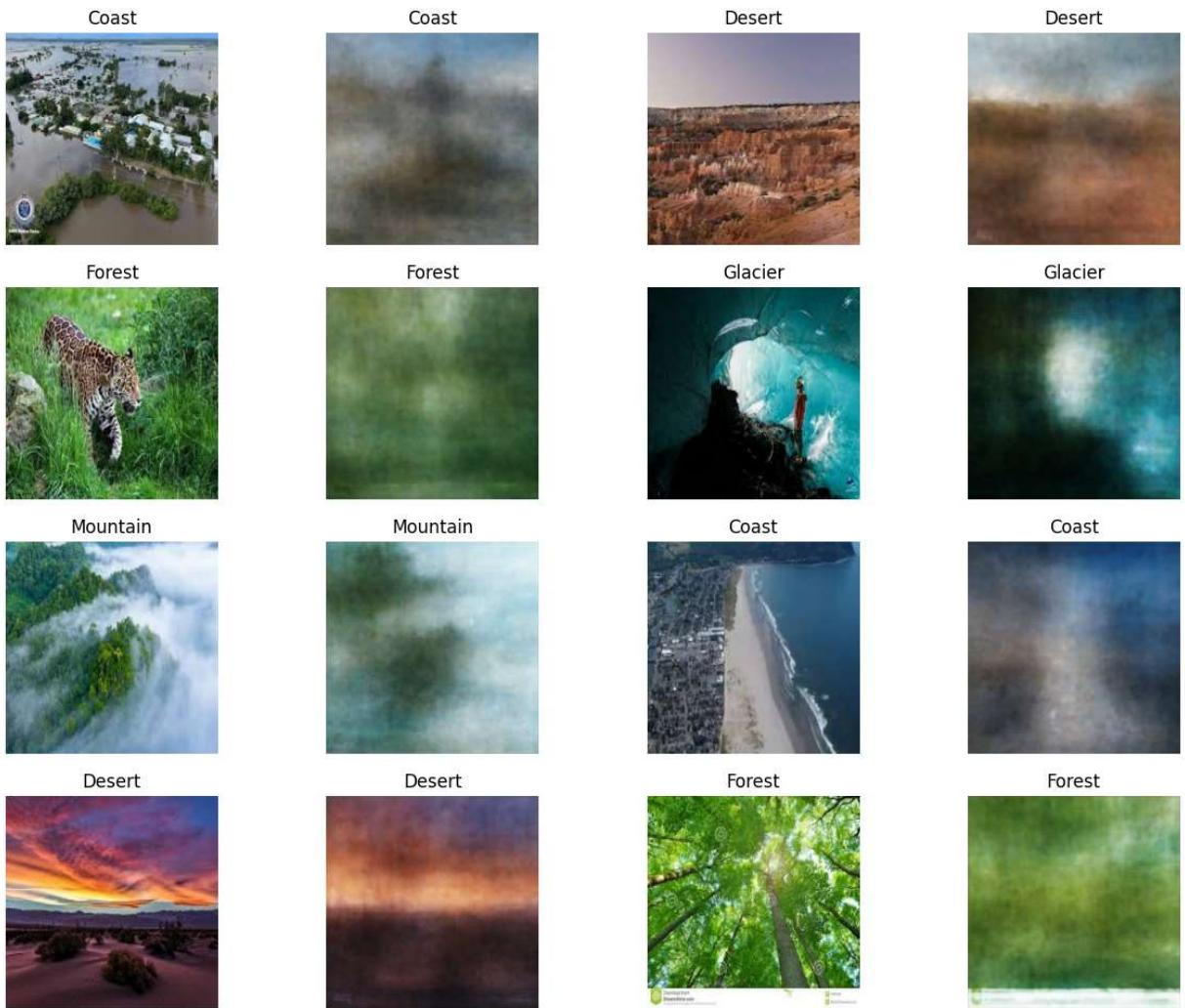
```



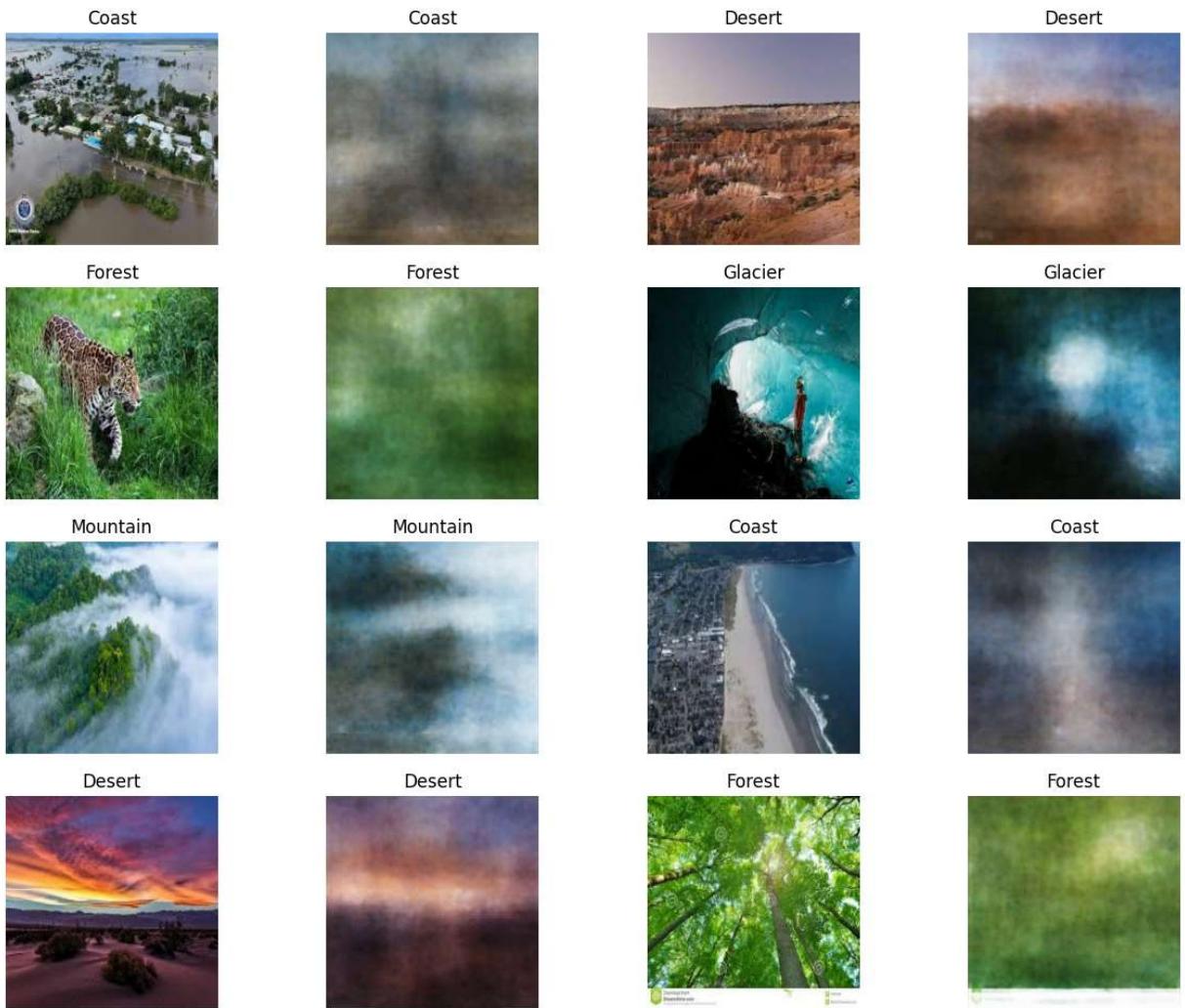
```

600/600 [=====] - 138s 230ms/step - loss: 219.8155 - reconstruction_error: 168.0829 - regularization_error: 51.7326 - val_loss: 227.7988 - val_reconstruction_error: 176.5105 - val_regularization_error: 51.2884
Epoch 17/100
600/600 [=====] - ETA: 0s - loss: 218.2605 - reconstruction_error: 166.3968 - regularization_error: 51.8637
[2023-11-22 00:03:02.990117]: Reconstructing images for epoch 17 ...

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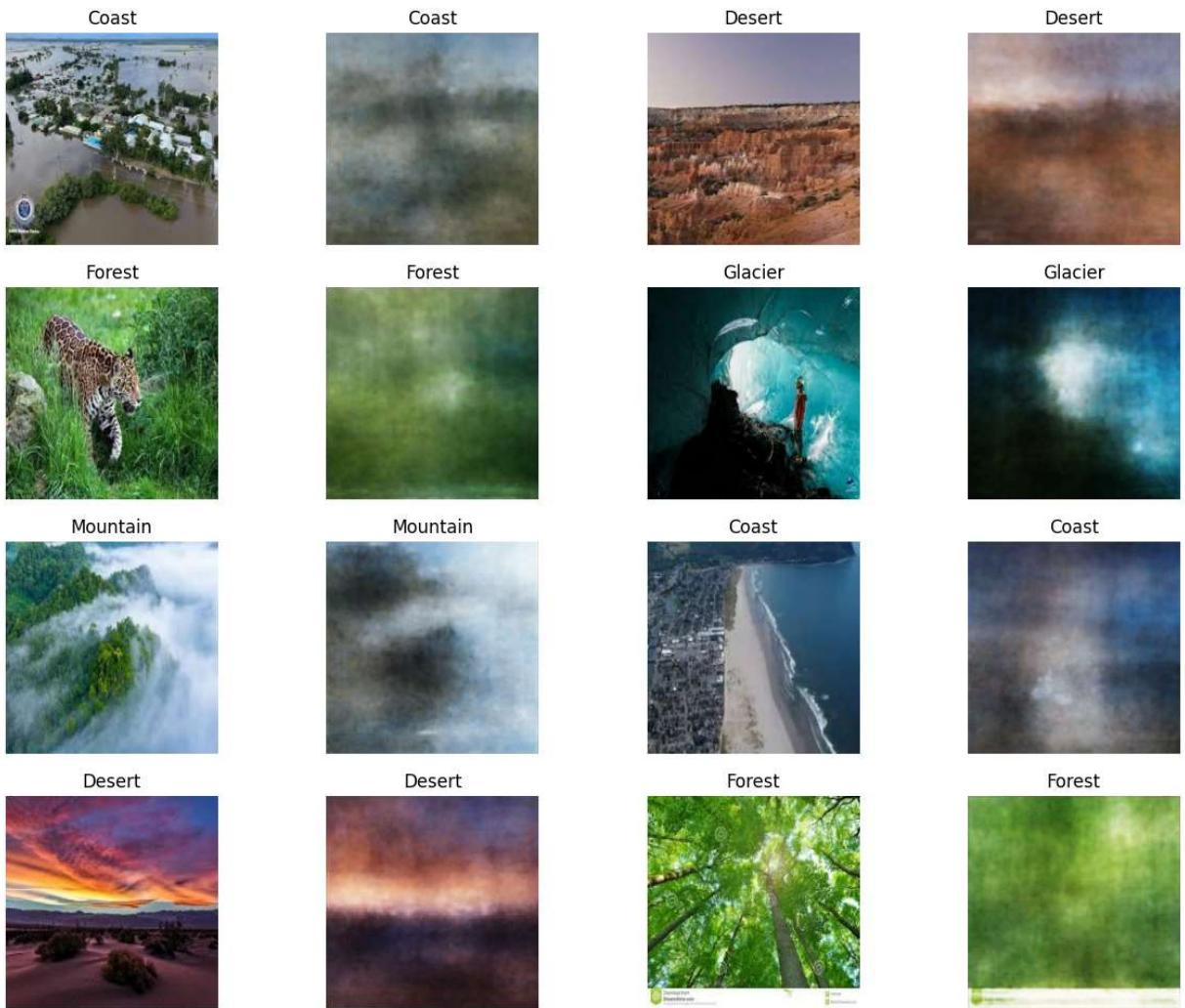
600/600 [=====] - 142s 236ms/step - loss: 218.2605 - reconstruction_error: 166.3968 - regularization_error: 51.8637 - val_loss: 226.7634 - val_reconstruction_error: 175.8338 - val_regularization_error: 50.9295
 Epoch 18/100
 600/600 [=====] - ETA: 0s - loss: 217.0350 - reconstruction_error: 164.9517 - regularization_error: 52.0833
 [2023-11-22 00:05:26.486462]: Reconstructing images for epoch 18 ...



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600/600 [=====] - 144s 239ms/step - loss: 217.0350 - reconstruction_error: 164.9517 - regularization_error: 52.0833 - val_loss: 226.6554 - val_reconstruction_error: 175.7596 - val_regularization_error: 50.8958
Epoch 19/100
600/600 [=====] - ETA: 0s - loss: 215.5796 - reconstruction_error: 163.2914 - regularization_error: 52.2882
[2023-11-22 00:07:43.177466]: Reconstructing images for epoch 19 ...

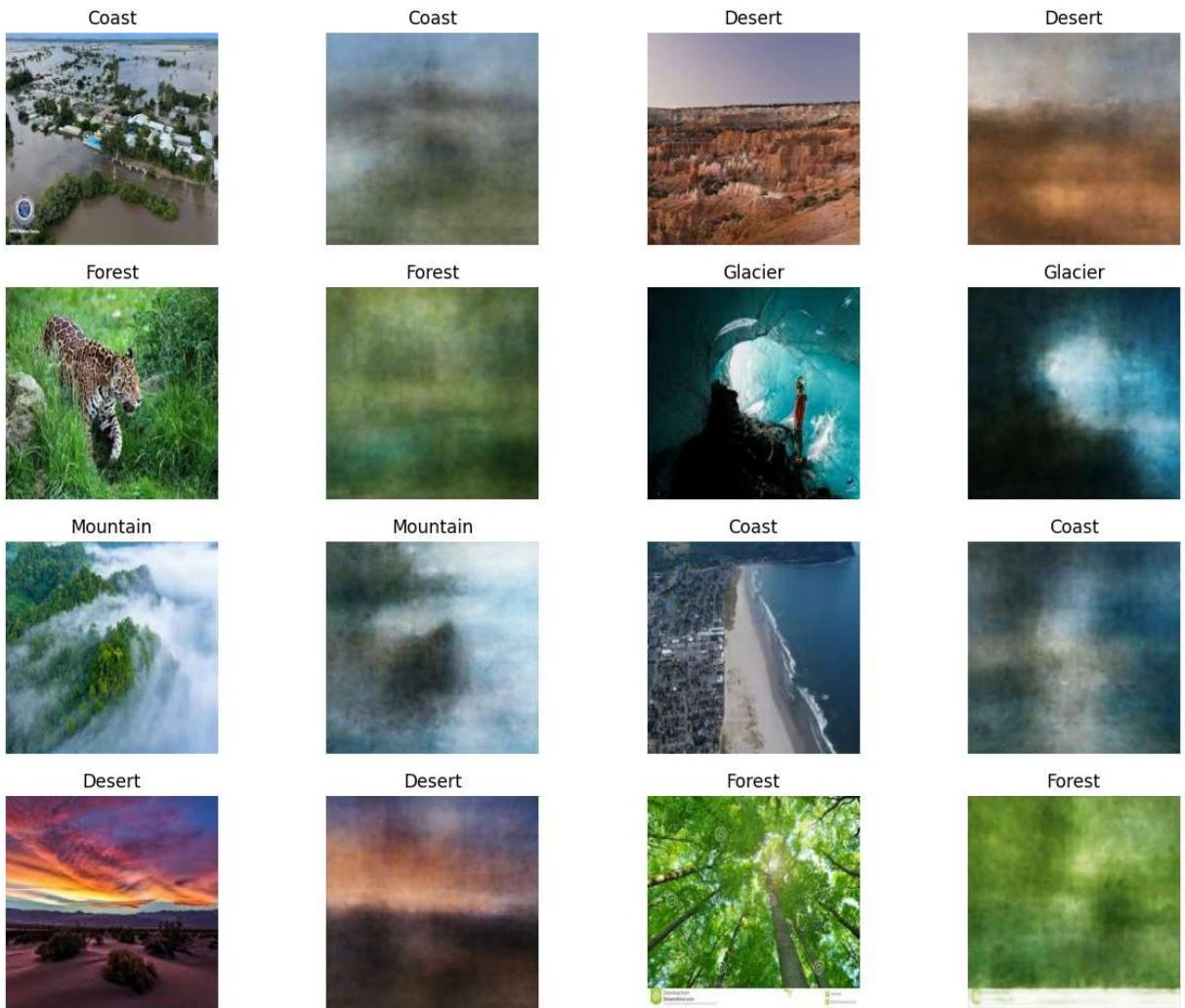
```



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600/600 [=====] - 137s 228ms/step - loss: 215.5796 - reconstruction_error: 163.2914 - regularization_error: 52.2882 - val_loss: 226.1312 - val_reconstruction_error: 175.1296 - val_regularization_error: 51.0017
Epoch 20/100
600/600 [=====] - ETA: 0s - loss: 214.4698 - reconstruction_error: 161.9161 - regularization_error: 52.5537
[2023-11-22 00:10:11.260976]: Reconstructing images for epoch 20 ...

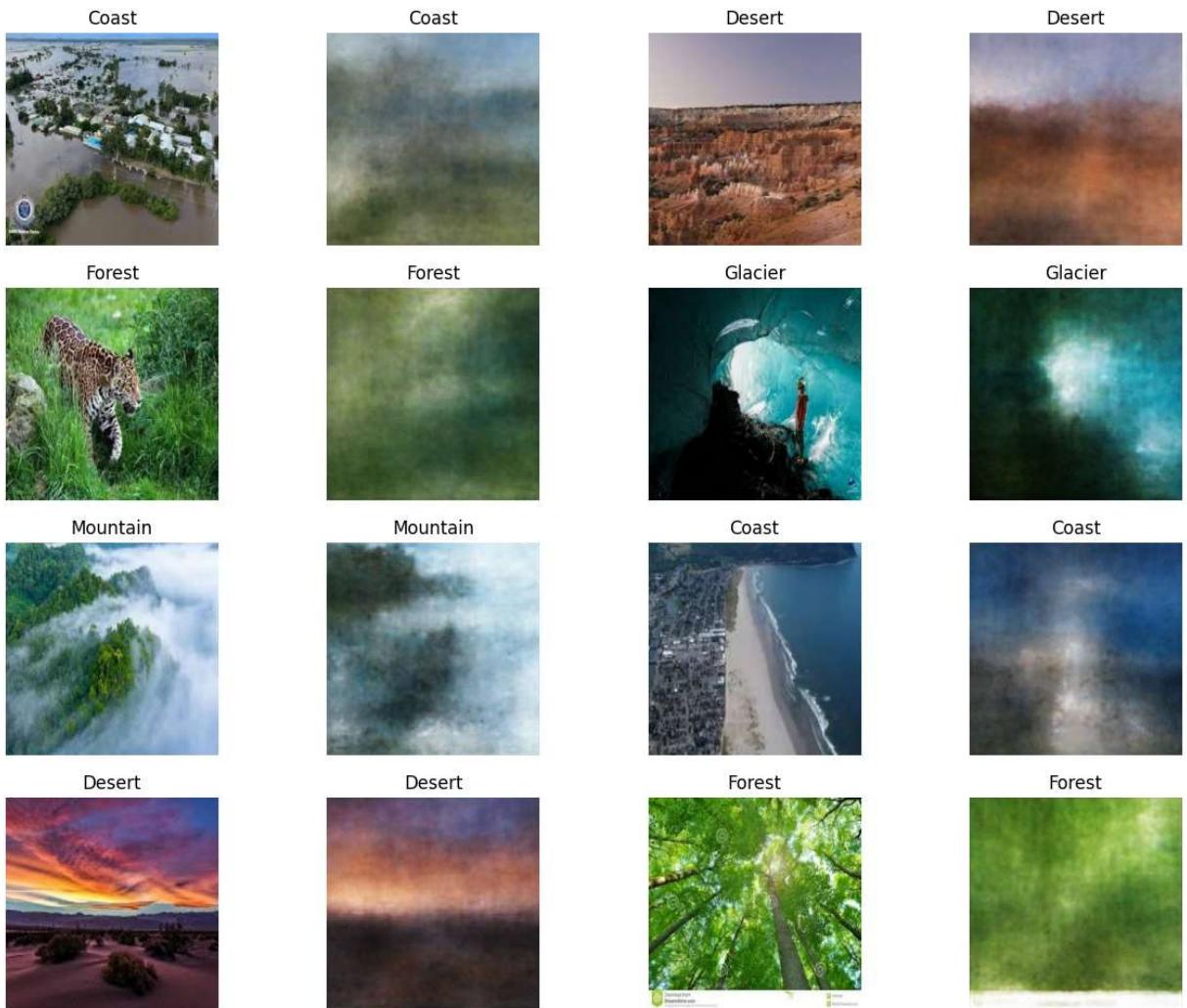
```



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600/600 [=====] - 148s 246ms/step - loss: 214.4698 - reconstruction_error: 161.9161 - regularization_error: 52.5537 - val_loss: 225.9855 - val_reconstruction_error: 173.5228 - val_regularization_error: 52.4628
Epoch 21/100
600/600 [=====] - ETA: 0s - loss: 213.5374 - reconstruction_error: 160.6774 - regularization_error: 52.8600
[2023-11-22 00:12:32.677953]: Reconstructing images for epoch 21 ...

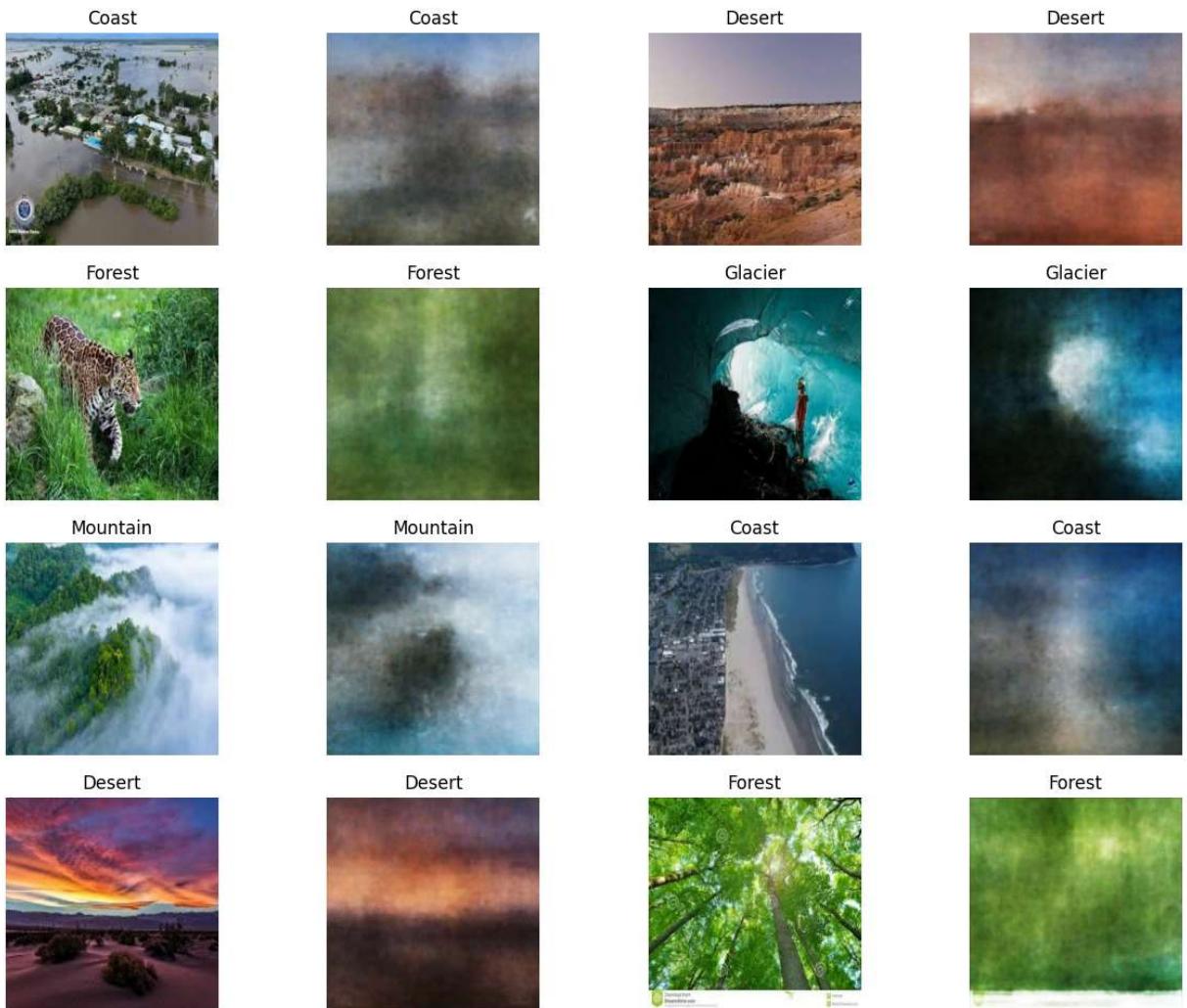
```



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600/600 [=====] - 142s 236ms/step - loss: 213.5374 - reconstruction_error: 160.6774 - regularization_error: 52.8600 - val_loss: 226.7089 - val_reconstruction_error: 172.9900 - val_regularization_error: 53.7188
Epoch 22/100
600/600 [=====] - ETA: 0s - loss: 212.1401 - reconstruction_error: 159.1991 - regularization_error: 52.9410
[2023-11-22 00:14:56.540906]: Reconstructing images for epoch 22 ...

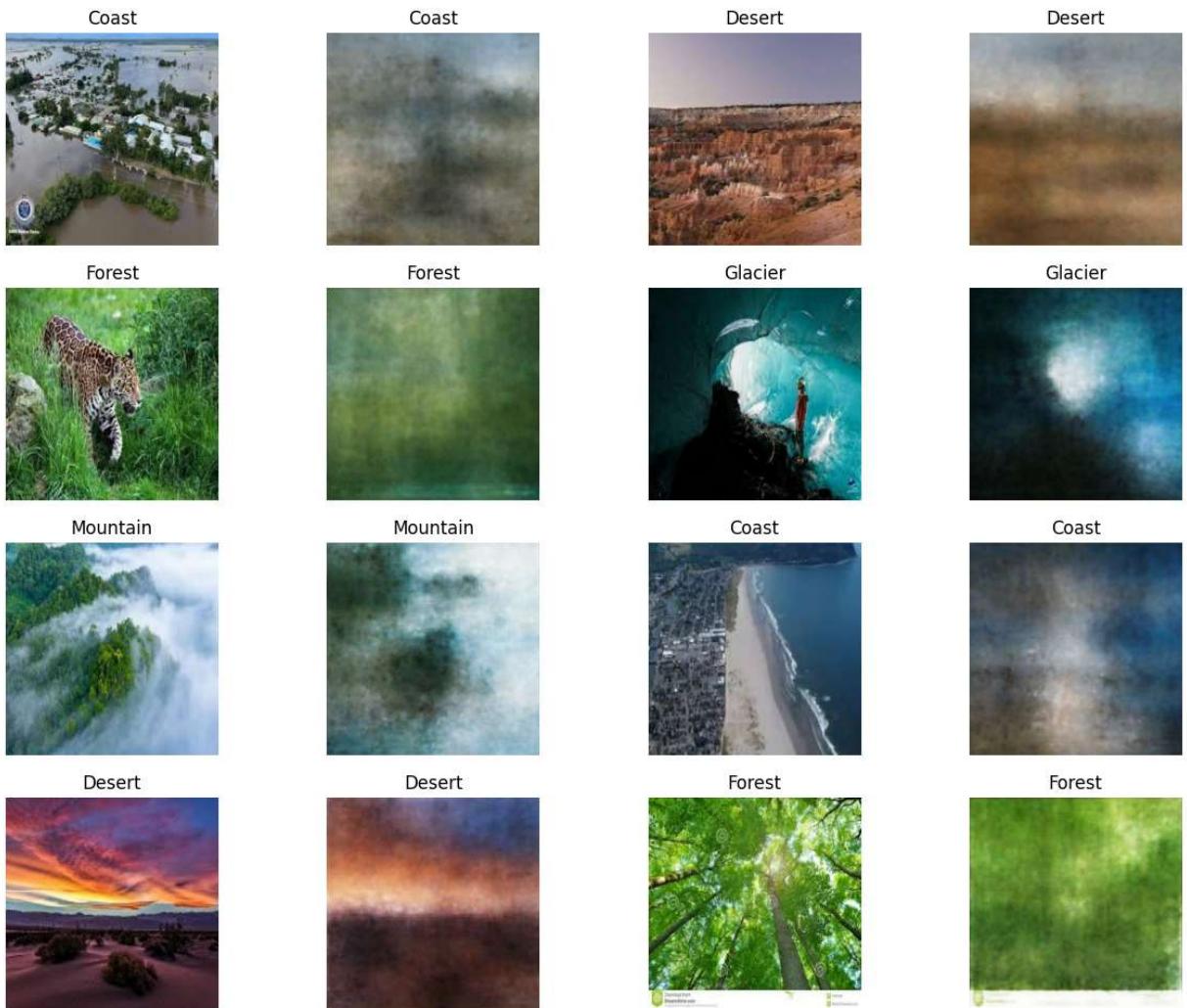
```



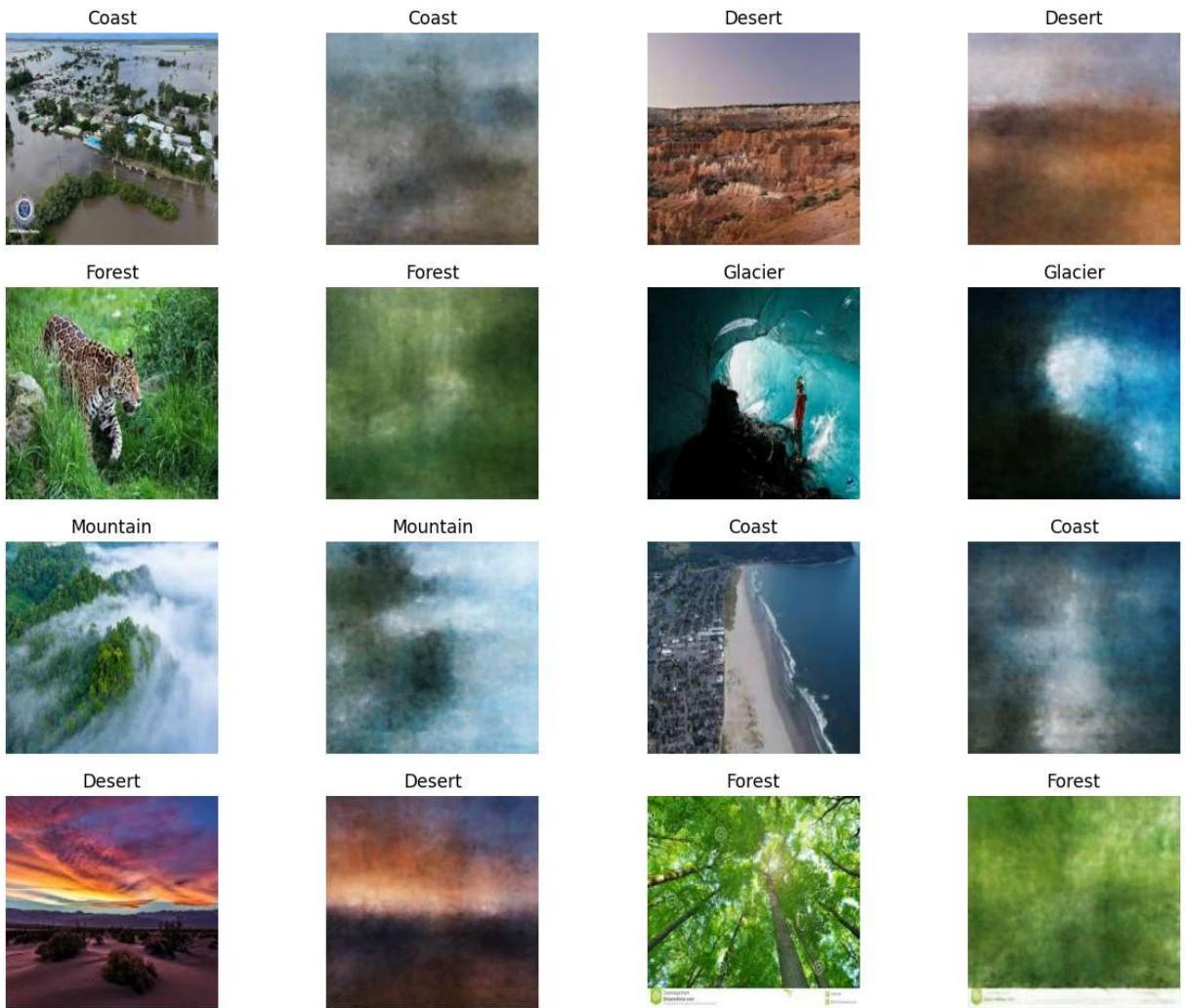
```

600/600 [=====] - 143s 239ms/step - loss: 212.1401 - reconstruction_error: 159.1991 - regularization_error: 52.9410 - val_loss: 226.8656 - val_reconstruction_error: 174.3907 - val_regularization_error: 52.4750
Epoch 23/100
600/600 [=====] - ETA: 0s - loss: 210.8588 - reconstruction_error: 157.5677 - regularization_error: 53.2912
[2023-11-22 00:17:16.641268]: Reconstructing images for epoch 23 ...

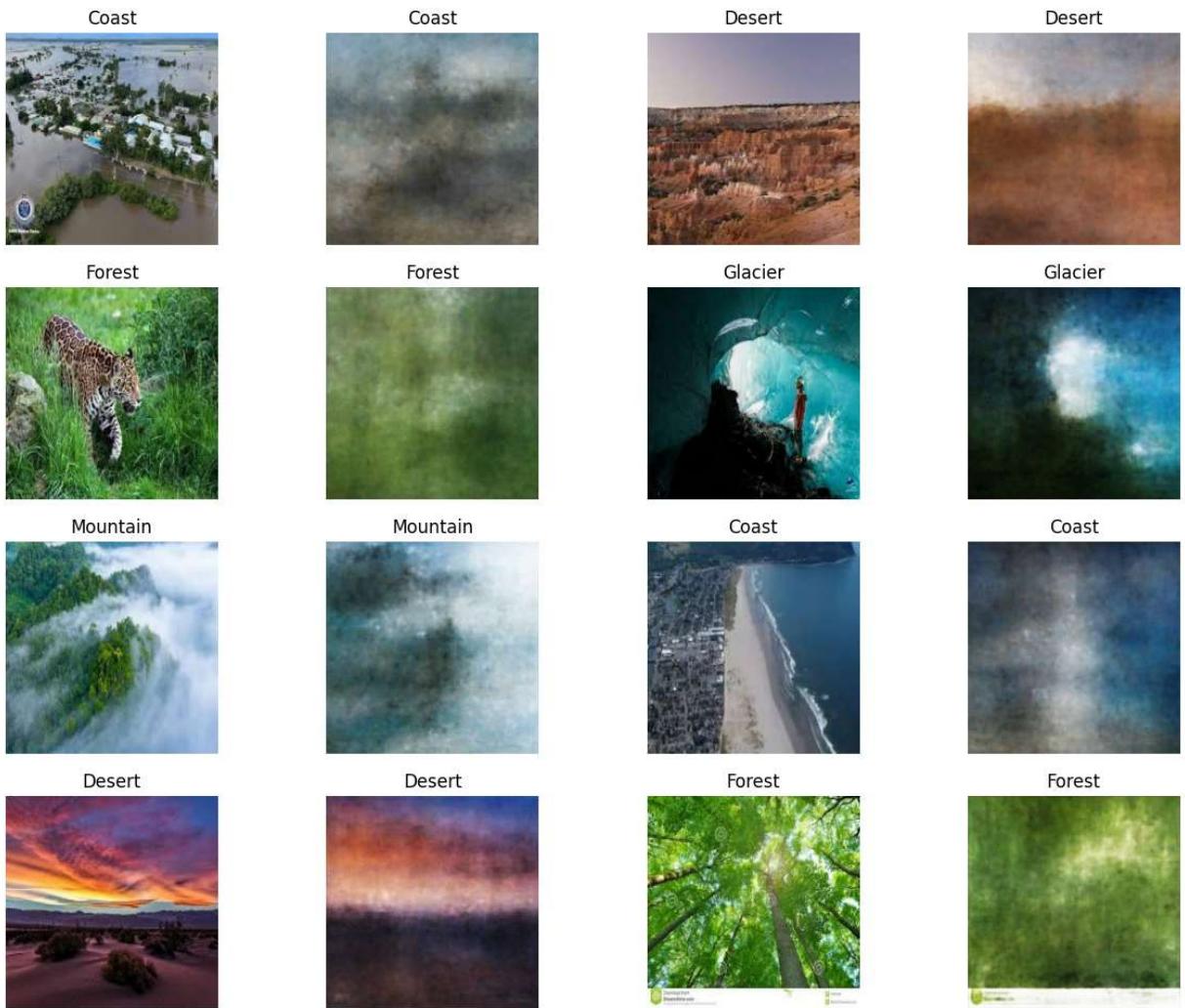
```



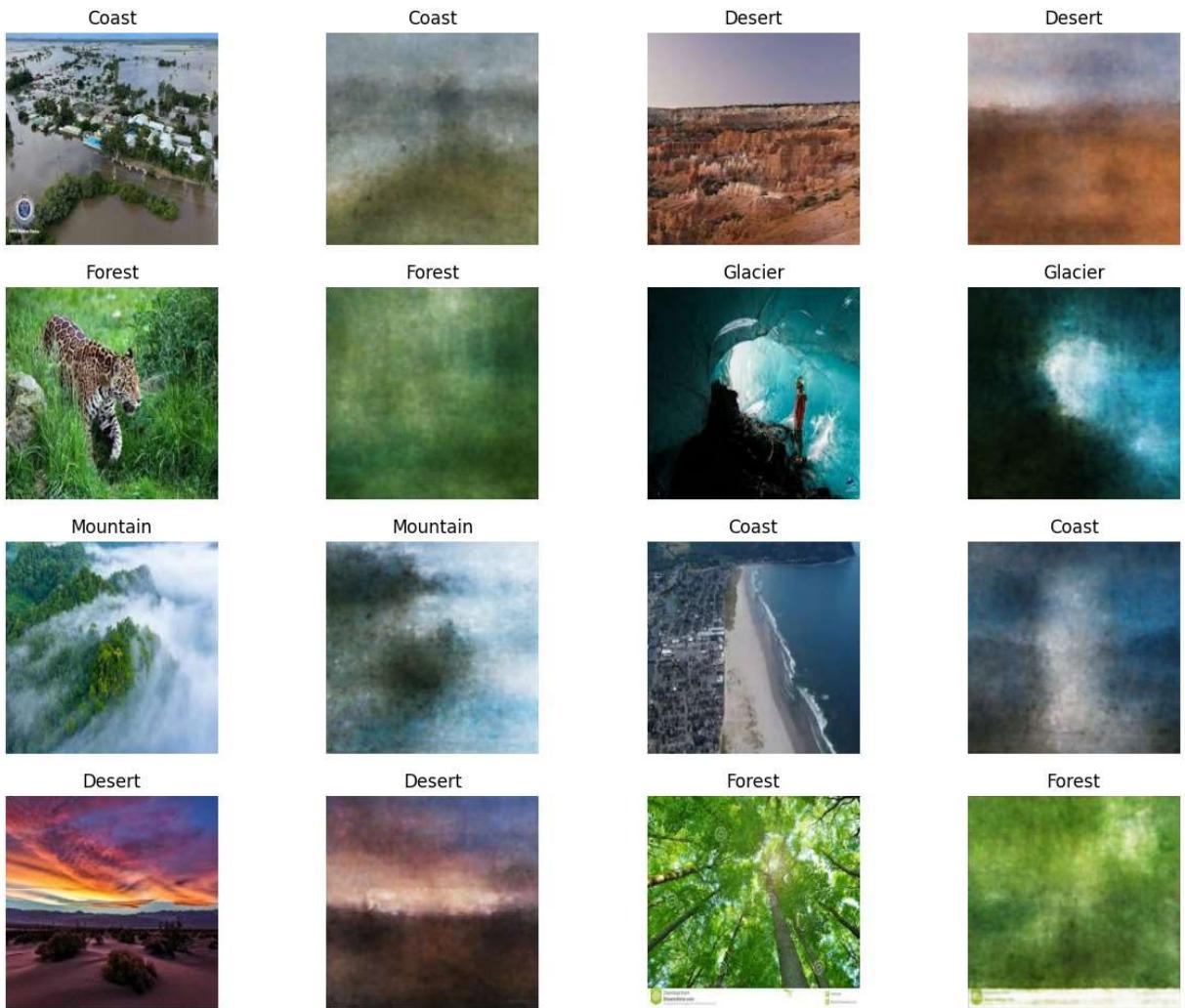
600/600 [=====] - 141s 234ms/step - loss: 210.8588 - reconstruction_error: 157.5677 - regularization_error: 53.2912 - val_loss: 226.6177 - val_reconstruction_error: 171.7540 - val_regularization_error: 54.8637
 Epoch 24/100
 600/600 [=====] - ETA: 0s - loss: 209.7099 - reconstruction_error: 156.1181 - regularization_error: 53.5917
 [2023-11-22 00:19:41.929079]: Reconstructing images for epoch 24 ...



600/600 [=====] - 145s 241ms/step - loss: 209.7099 - reconstruction_error: 156.1181 - regularization_error: 53.5917 - val_loss: 226.1615 - val_reconstruction_error: 173.3677 - val_regularization_error: 52.7937
 Epoch 25/100
 600/600 [=====] - ETA: 0s - loss: 208.5023 - reconstruction_error: 154.6243 - regularization_error: 53.8780
 [2023-11-22 00:22:01.417155]: Reconstructing images for epoch 25 ...



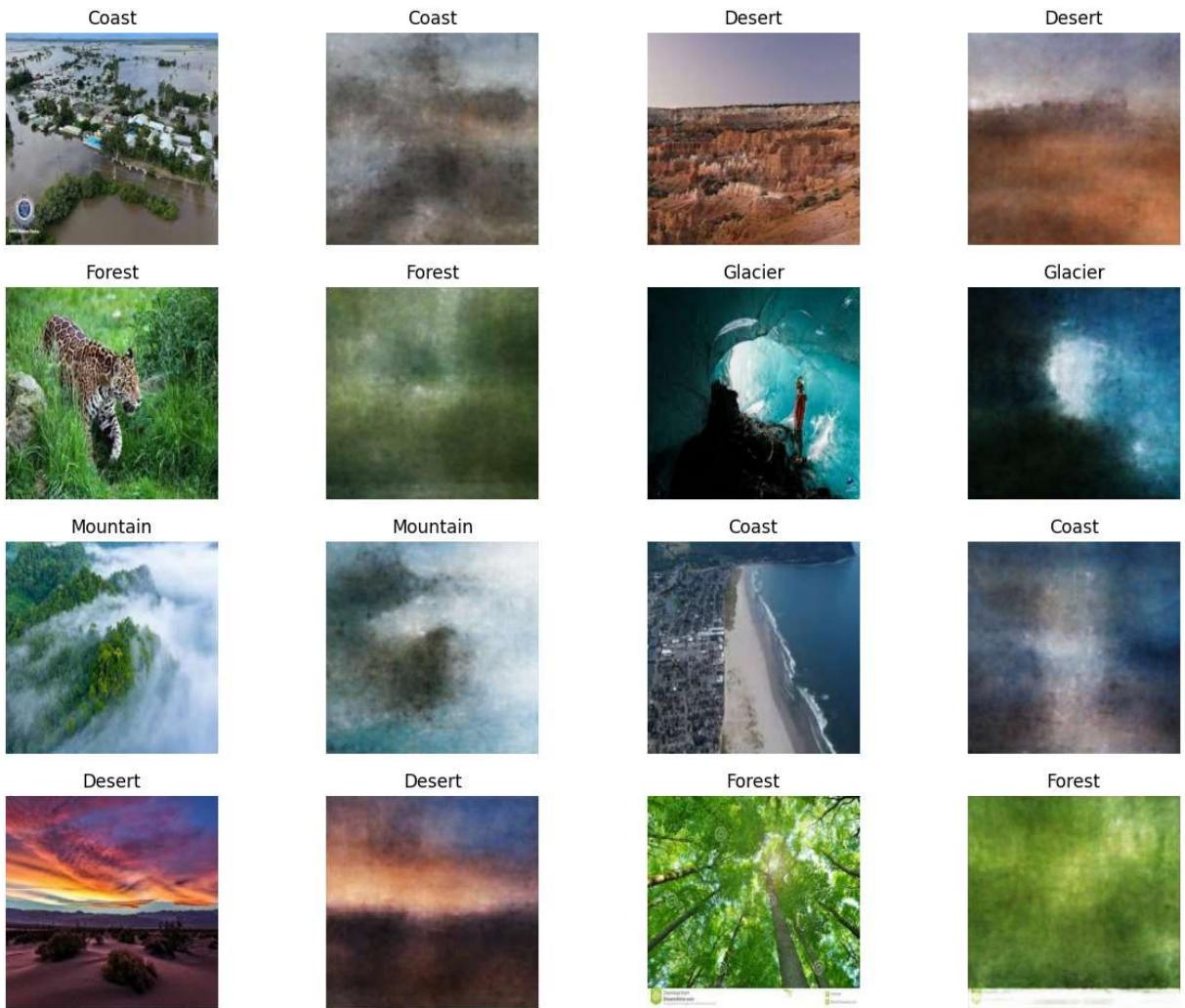
600/600 [=====] - 141s 235ms/step - loss: 208.5023 - reconstruction_error: 154.6243 - regularization_error: 53.8780 - val_loss: 226.7691 - val_reconstruction_error: 173.8143 - val_regularization_error: 52.9548
 Epoch 26/100
 600/600 [=====] - ETA: 0s - loss: 207.2229 - reconstruction_error: 153.0934 - regularization_error: 54.1294
 [2023-11-22 00:24:15.986048]: Reconstructing images for epoch 26 ...



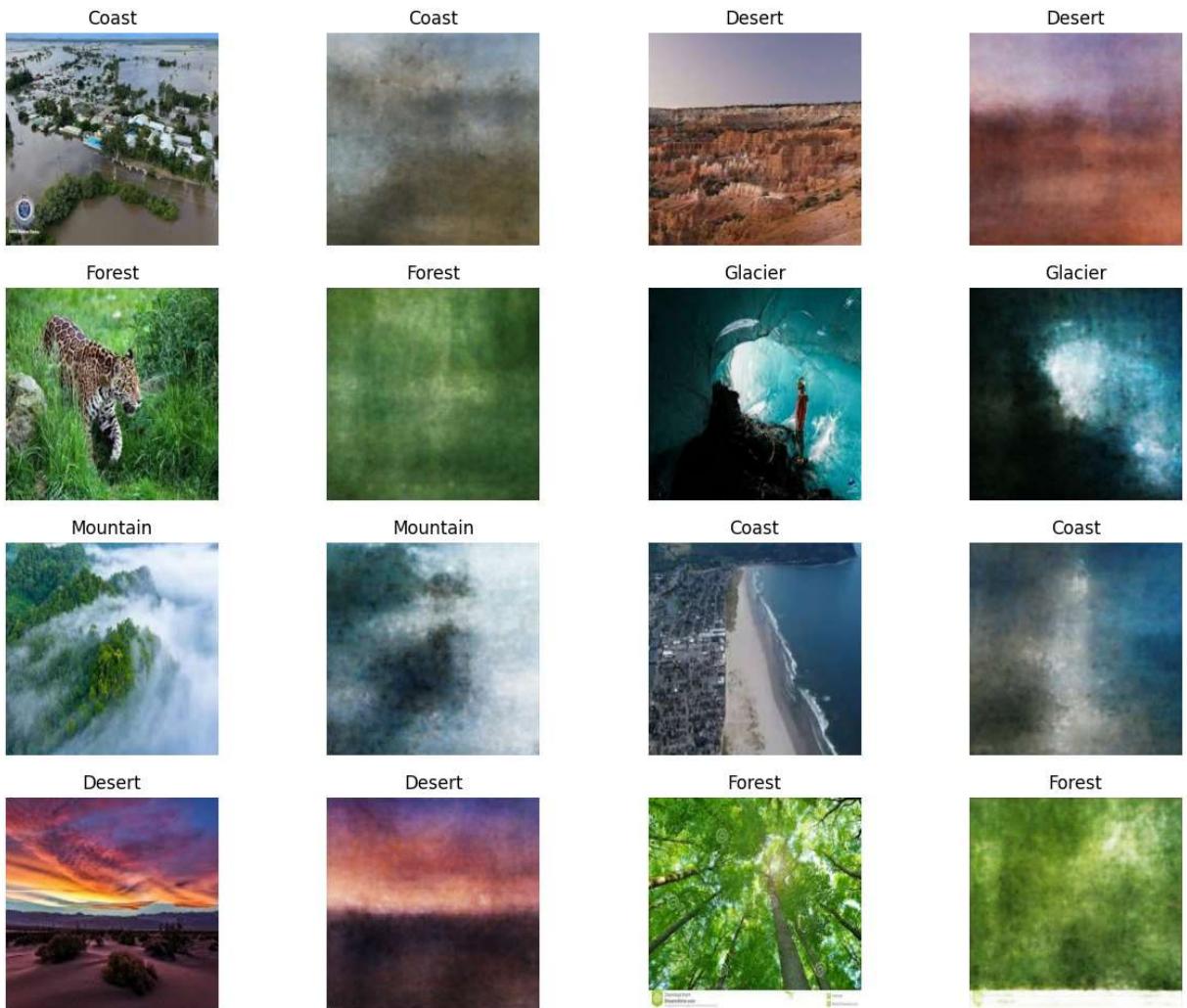
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600/600 [=====] - 133s 221ms/step - loss: 207.2229 - reconstruction_error: 153.0934 - regularization_error: 54.1294 - val_loss: 226.5528 - val_reconstruction_error: 172.0974 - val_regularization_error: 54.4554
Epoch 27/100
600/600 [=====] - ETA: 0s - loss: 206.0948 - reconstruction_error: 151.6049 - regularization_error: 54.4899
[2023-11-22 00:26:29.008556]: Reconstructing images for epoch 27 ...

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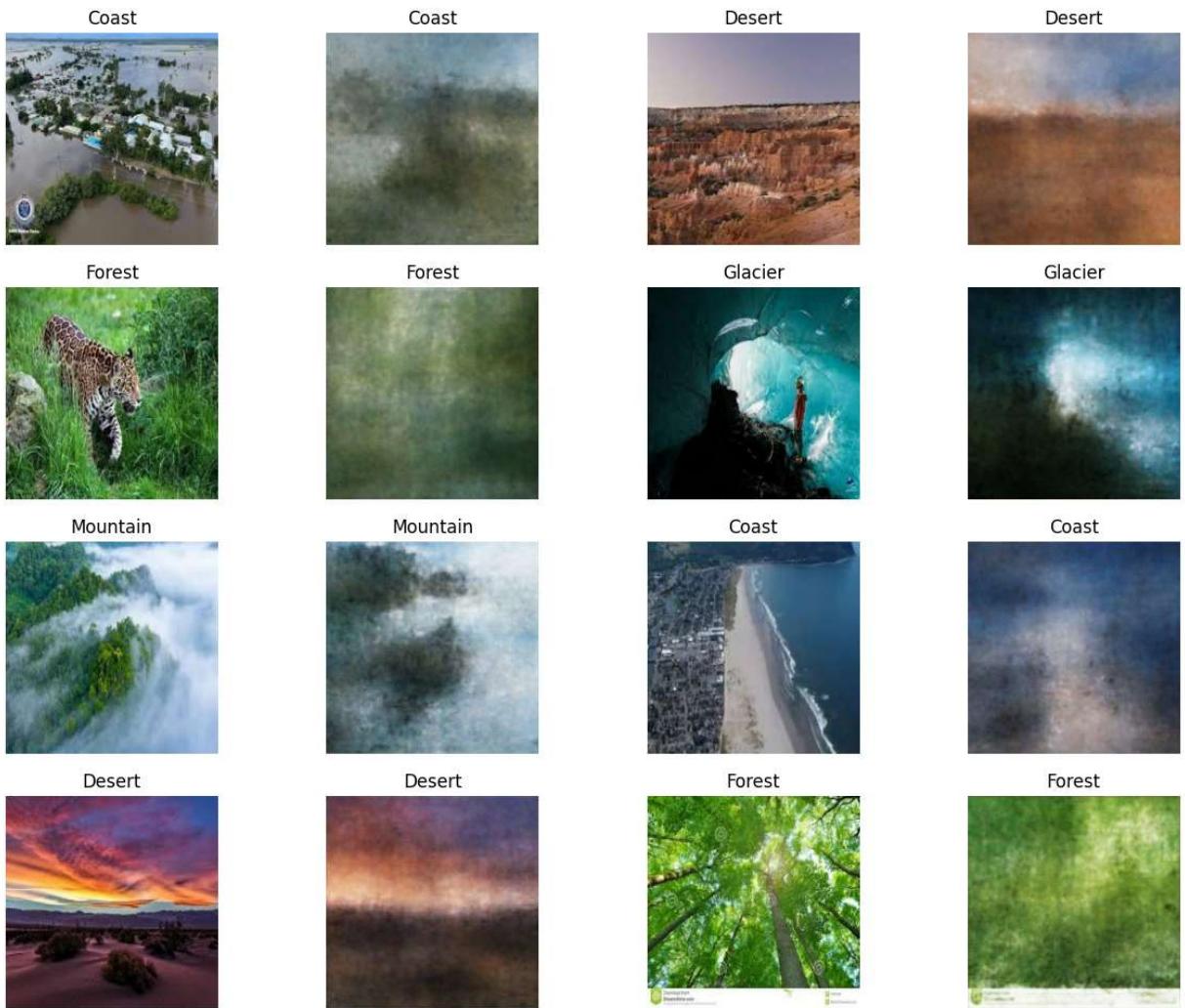
600/600 [=====] - 133s 222ms/step - loss: 206.0948 - reconstruction_error: 151.6049 - regularization_error: 54.4899 - val_loss: 227.6447 - val_reconstruction_error: 173.7905 - val_regularization_error: 53.8542
 Epoch 28/100
 600/600 [=====] - ETA: 0s - loss: 204.6440 - reconstruction_error: 149.8764 - regularization_error: 54.7675
 [2023-11-22 00:28:54.301726]: Reconstructing images for epoch 28 ...



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600/600 [=====] - 145s 242ms/step - loss: 204.6440 - reconstruction_error: 149.8764 - regularization_error: 54.7675 - val_loss: 227.1747 - val_reconstruction_error: 173.5286 - val_regularization_error: 53.6460
Epoch 29/100
600/600 [=====] - ETA: 0s - loss: 203.3670 - reconstruction_error: 148.3436 - regularization_error: 55.0235
[2023-11-22 00:31:15.002537]: Reconstructing images for epoch 29 ...

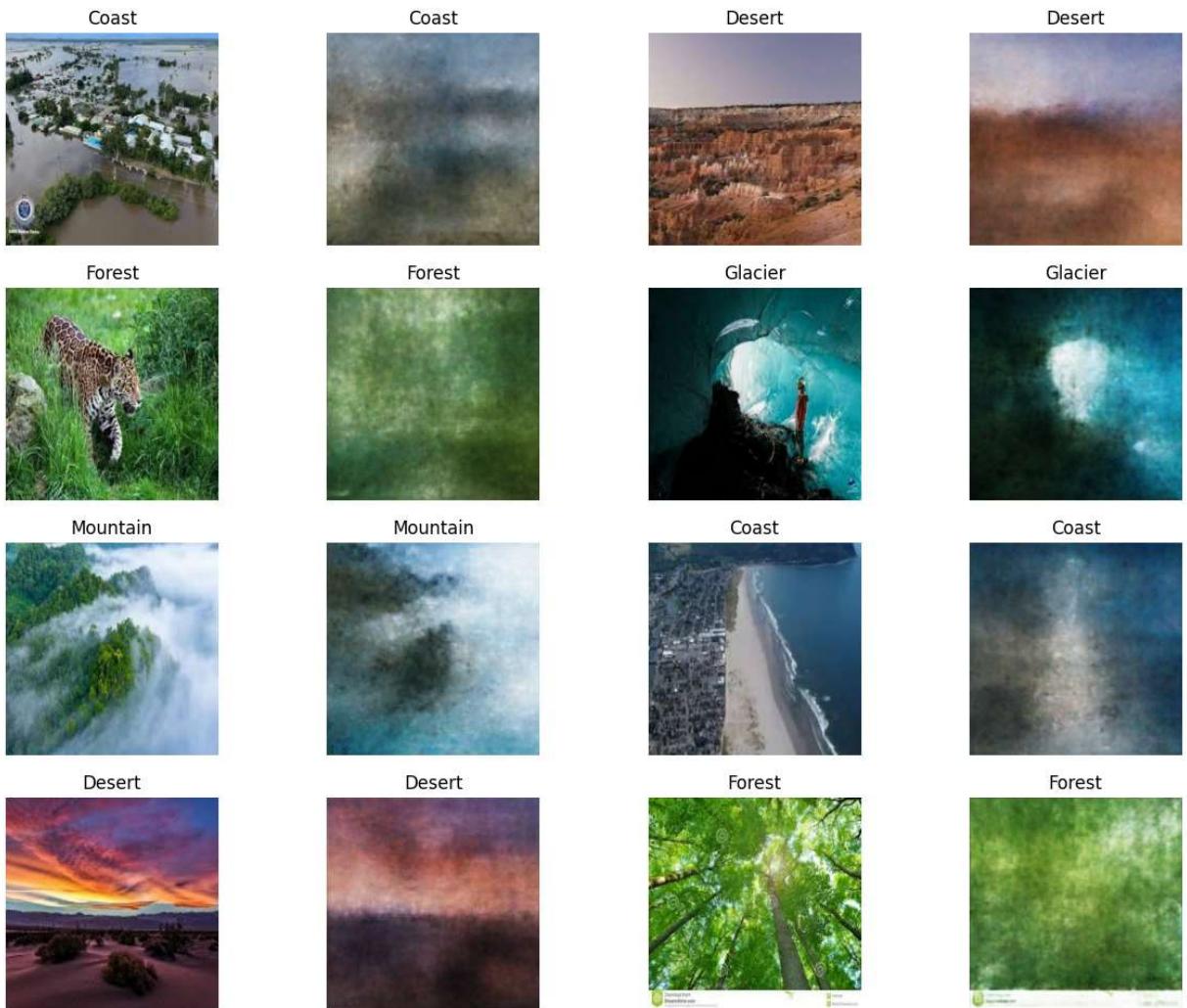
```



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600/600 [=====] - 141s 235ms/step - loss: 203.3670 - reconstruction_error: 148.3436 - regularization_error: 55.0235 - val_loss: 227.6521 - val_reconstruction_error: 175.2131 - val_regularization_error: 52.4390
Epoch 30/100
600/600 [=====] - ETA: 0s - loss: 202.3943 - reconstruction_error: 146.9775 - regularization_error: 55.4170
[2023-11-22 00:33:35.580788]: Reconstructing images for epoch 30 ...

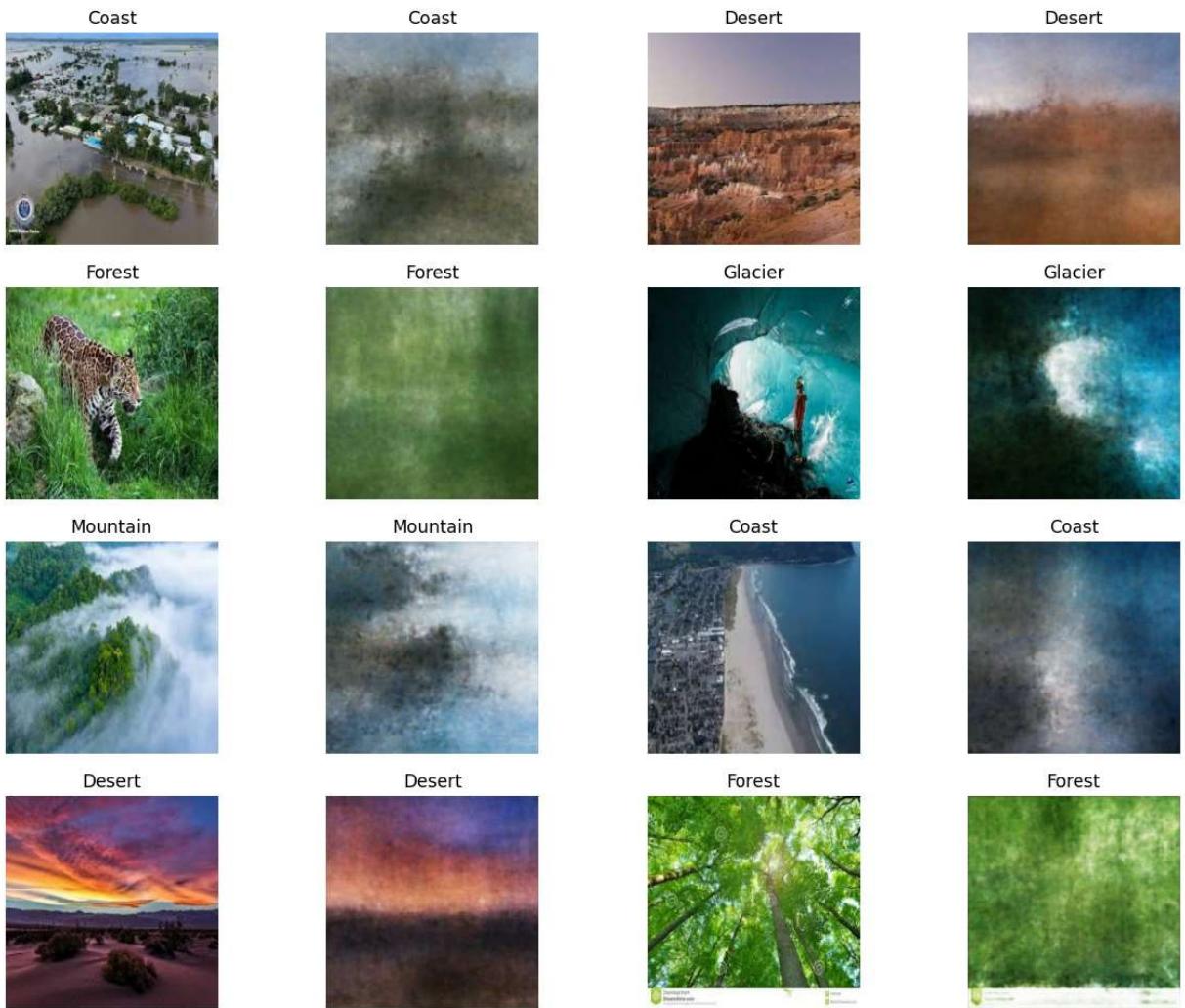
```



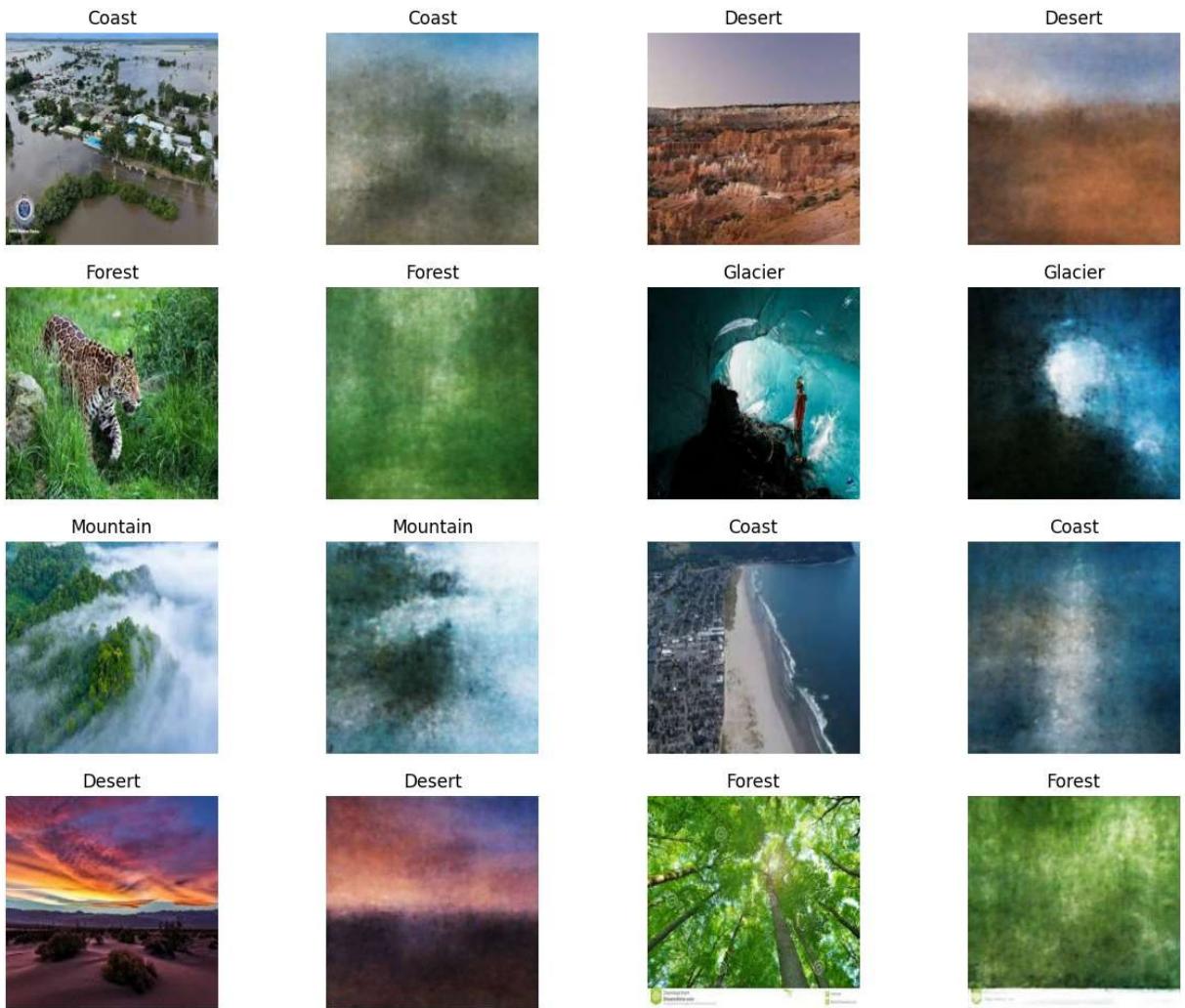
```

600/600 [=====] - 140s 234ms/step - loss: 202.3943 - reconstruction_error: 146.9775 - regularization_error: 55.4170 - val_loss: 229.4327 - val_reconstruction_error: 173.7527 - val_regularization_error: 55.6799
Epoch 31/100
600/600 [=====] - ETA: 0s - loss: 201.2505 - reconstruction_error: 145.5583 - regularization_error: 55.6922
[2023-11-22 00:35:54.726195]: Reconstructing images for epoch 31 ...

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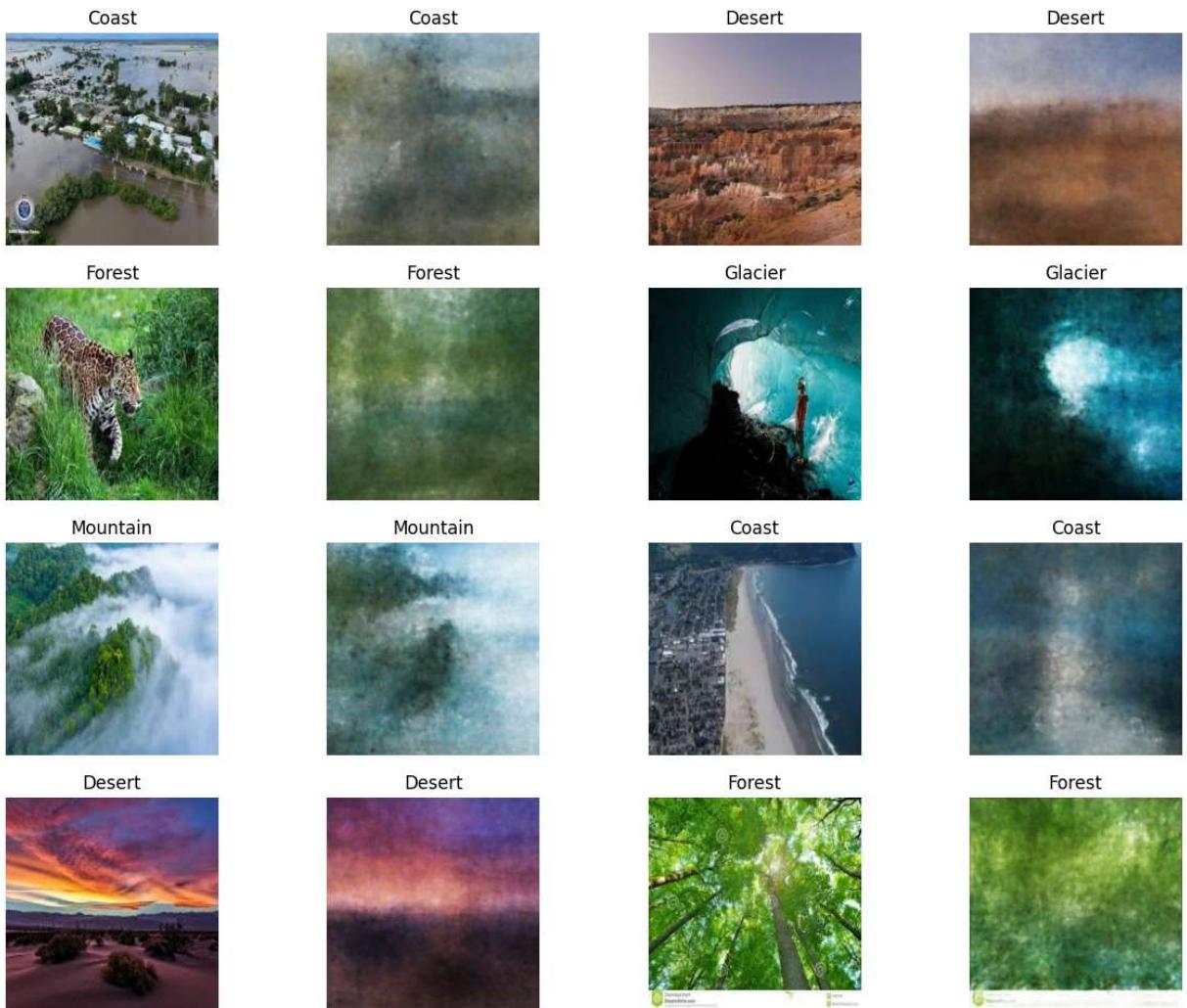
```
600/600 [=====] - 140s 232ms/step - loss: 201.2505 - reconstruction_error: 145.5583 - regularization_error: 55.6922 - val_loss: 228.3655 - val_reconstruction_error: 173.8397 - val_regularization_error: 54.5257
Epoch 32/100
600/600 [=====] - ETA: 0s - loss: 199.9227 - reconstruction_error: 144.0416 - regularization_error: 55.8812
[2023-11-22 00:38:16.303908]: Reconstructing images for epoch 32 ...
```



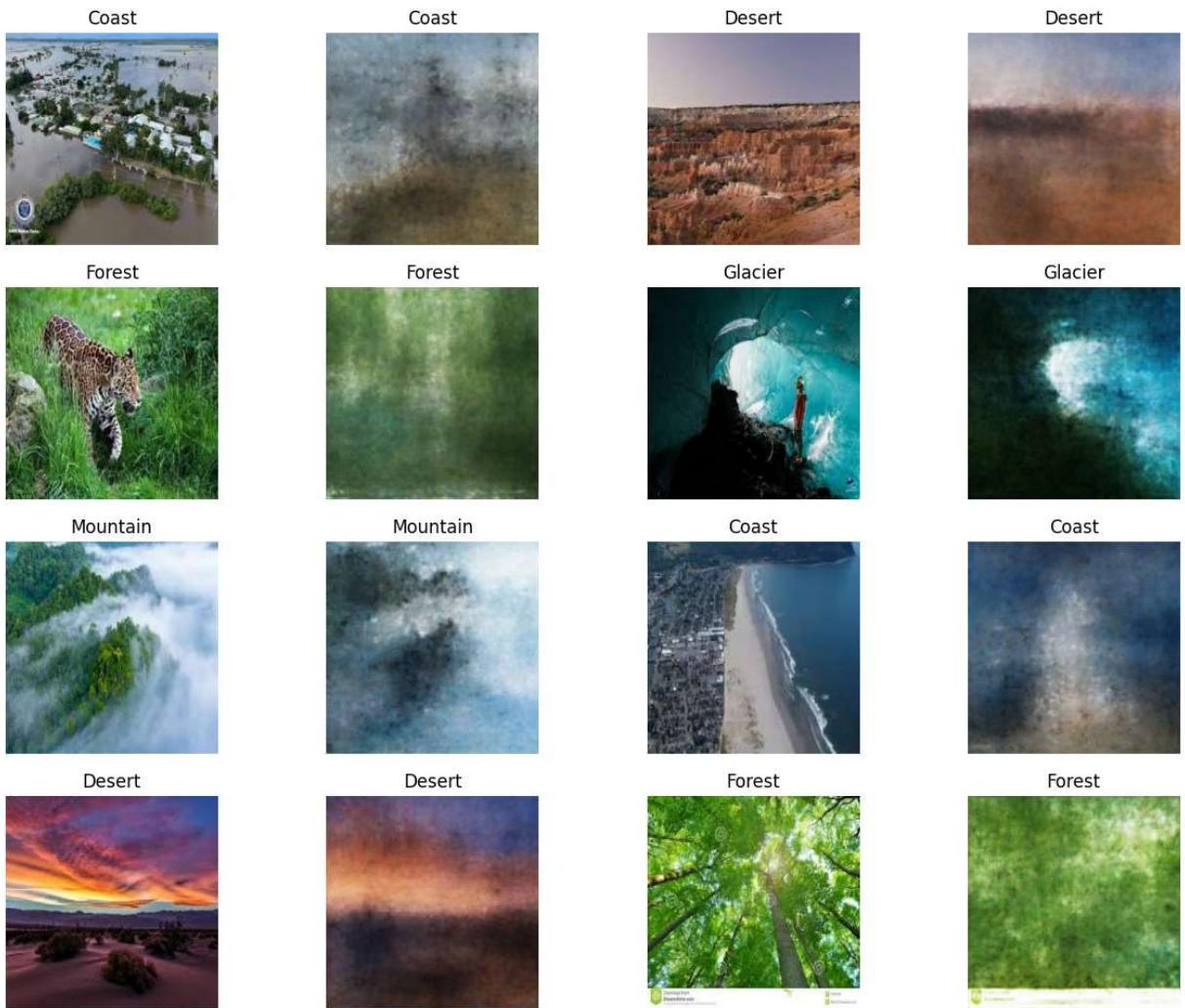
```

600/600 [=====] - 141s 235ms/step - loss: 199.9227 - reconstruction_error: 144.0416 - regularization_error: 55.8812 - val_loss: 231.2001 - val_reconstruction_error: 175.0458 - val_regularization_error: 56.1543
Epoch 33/100
600/600 [=====] - ETA: 0s - loss: 198.8725 - reconstruction_error: 142.7018 - regularization_error: 56.1708
[2023-11-22 00:40:33.899122]: Reconstructing images for epoch 33 ...

```



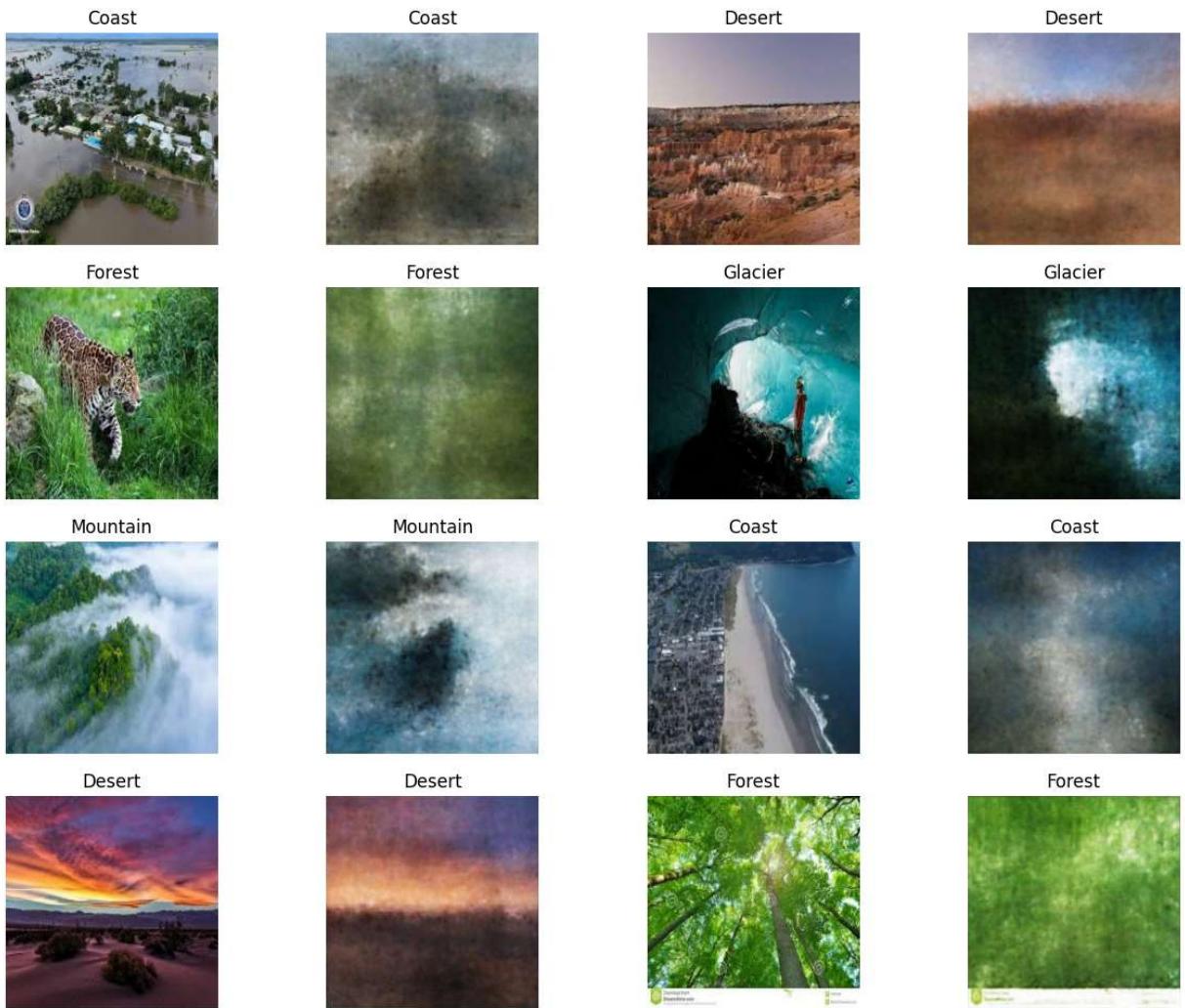
600/600 [=====] - 138s 229ms/step - loss: 198.8725 - reconstruction_error: 142.7018 - regularization_error: 56.1708 - val_loss: 229.0798 - val_reconstruction_error: 174.5682 - val_regularization_error: 54.5117
 Epoch 34/100
 600/600 [=====] - ETA: 0s - loss: 197.7741 - reconstruction_error: 141.2311 - regularization_error: 56.5429
 [2023-11-22 00:42:55.488955]: Reconstructing images for epoch 34 ...



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600/600 [=====] - 141s 235ms/step - loss: 197.7741 - reconstruction_error: 141.2311 - regularization_error: 56.5429 - val_loss: 229.5939 - val_reconstruction_error: 175.5657 - val_regularization_error: 54.0282
Epoch 35/100
600/600 [=====] - ETA: 0s - loss: 196.8441 - reconstruction_error: 140.0137 - regularization_error: 56.8305
[2023-11-22 00:45:15.177543]: Reconstructing images for epoch 35 ...

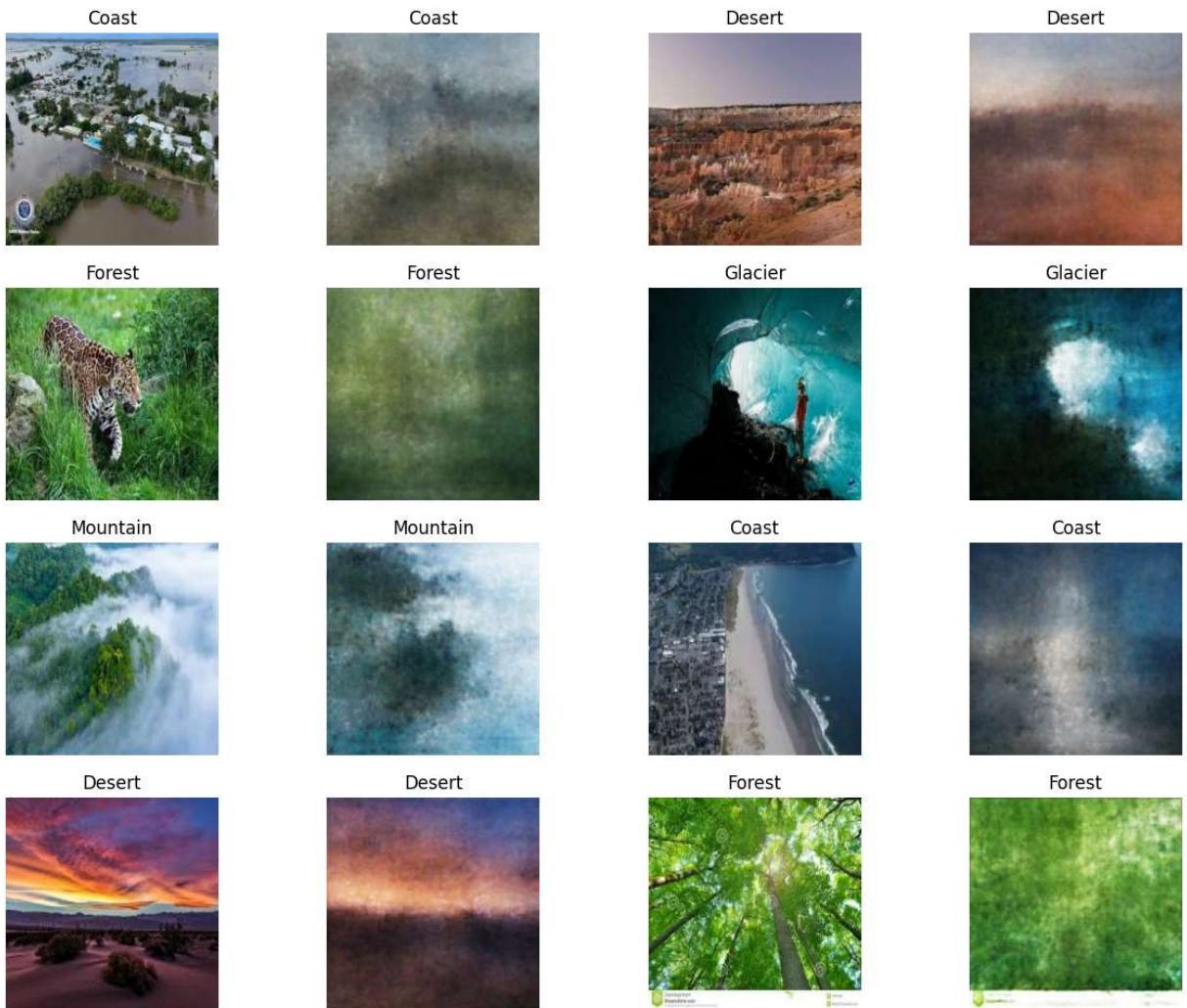
```



```

600/600 [=====] - 141s 234ms/step - loss: 196.8441 - reconstruction_error: 140.0137 - regularization_error: 56.8305 - val_loss: 229.5663 - val_reconstruction_error: 176.2844 - val_regularization_error: 53.2819
Epoch 36/100
600/600 [=====] - ETA: 0s - loss: 195.7936 - reconstruction_error: 138.8001 - regularization_error: 56.9936
[2023-11-22 00:47:40.318549]: Reconstructing images for epoch 36 ...

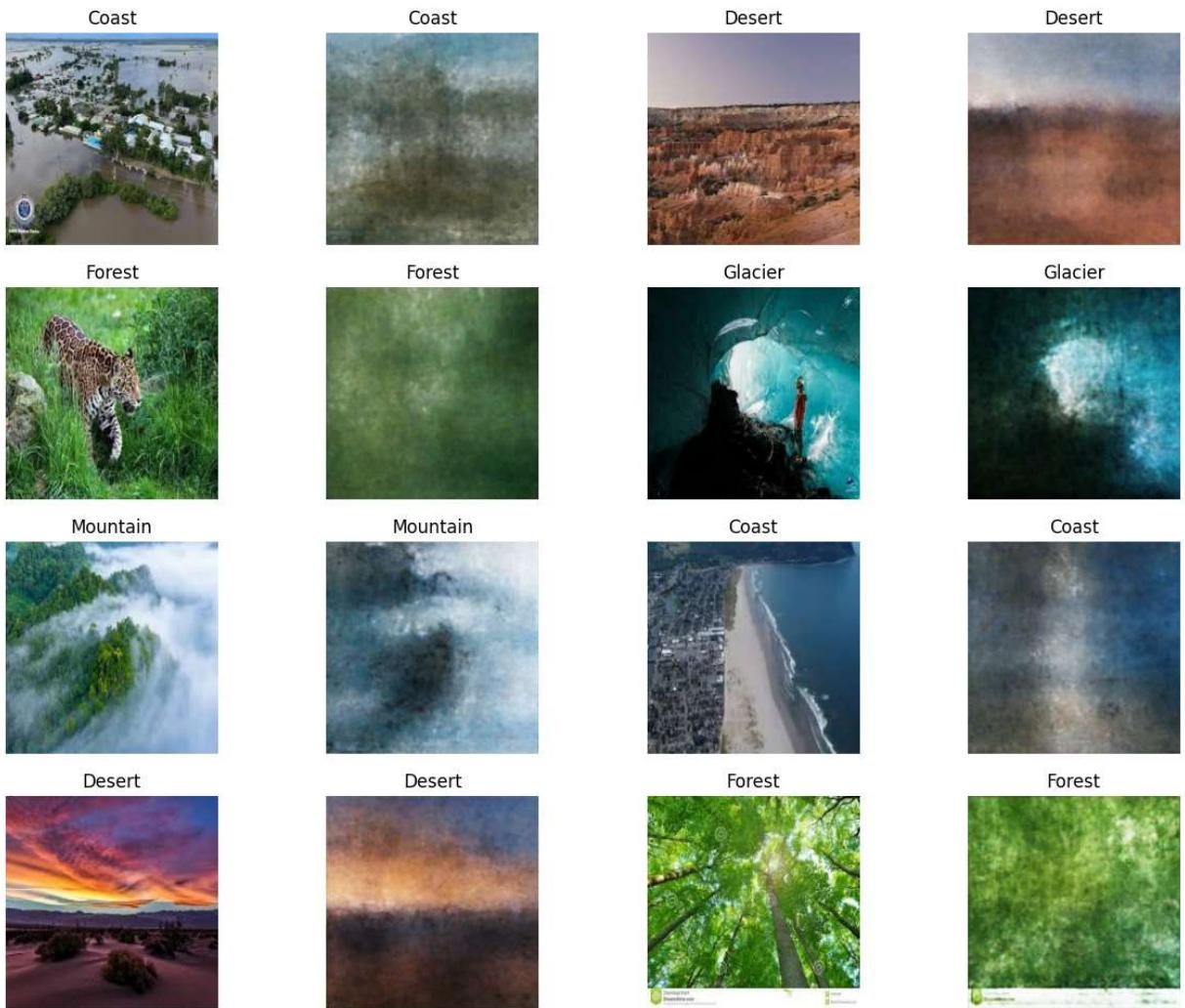
```



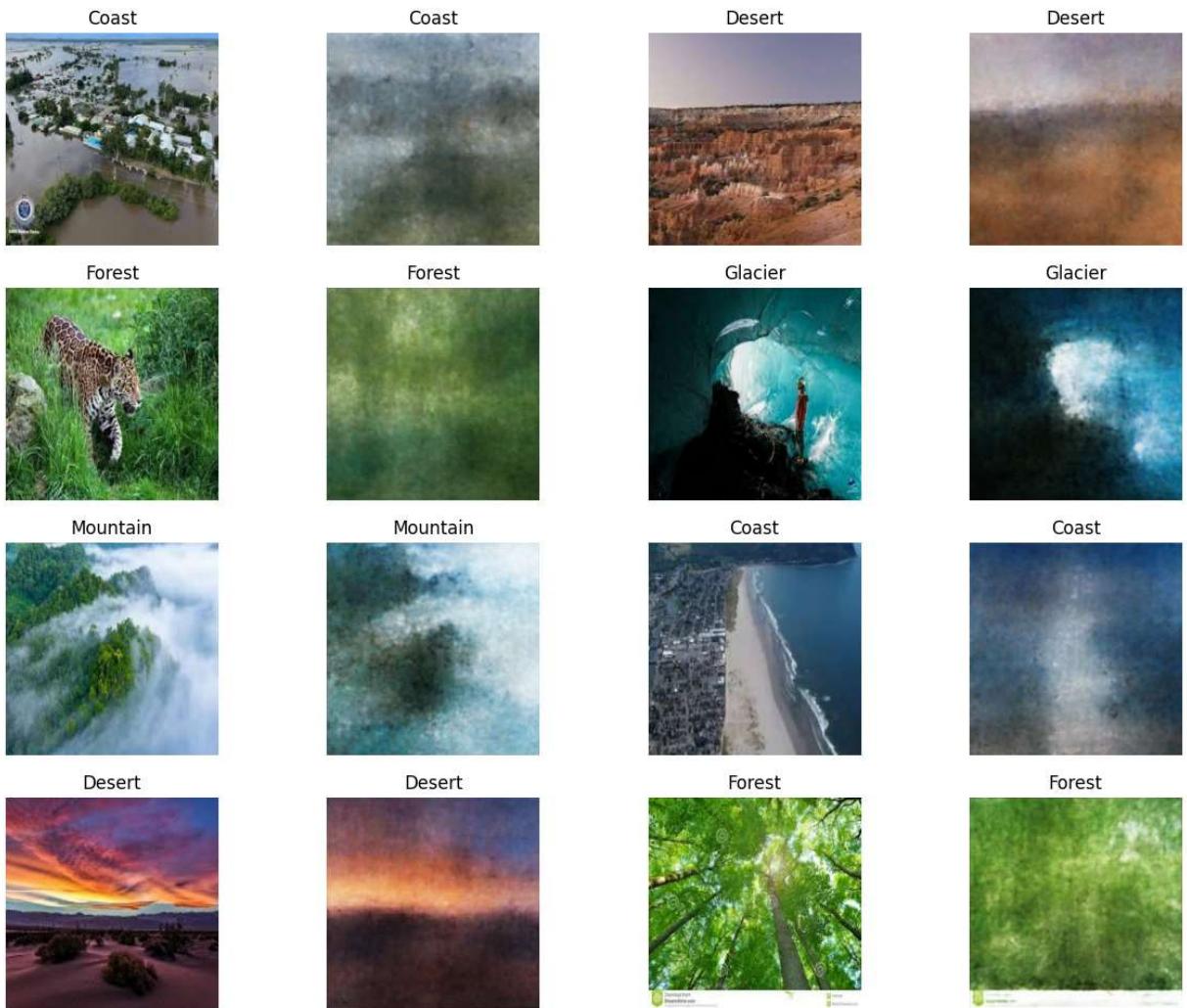
```

600/600 [=====] - 145s 241ms/step - loss: 195.7936 - reconstruction_error: 138.8001 - regularization_error: 56.9936 - val_loss: 230.4923 - val_reconstruction_error: 175.1997 - val_regularization_error: 55.2925
Epoch 37/100
600/600 [=====] - ETA: 0s - loss: 194.7817 - reconstruction_error: 137.5934 - regularization_error: 57.1884
[2023-11-22 00:50:06.709722]: Reconstructing images for epoch 37 ...

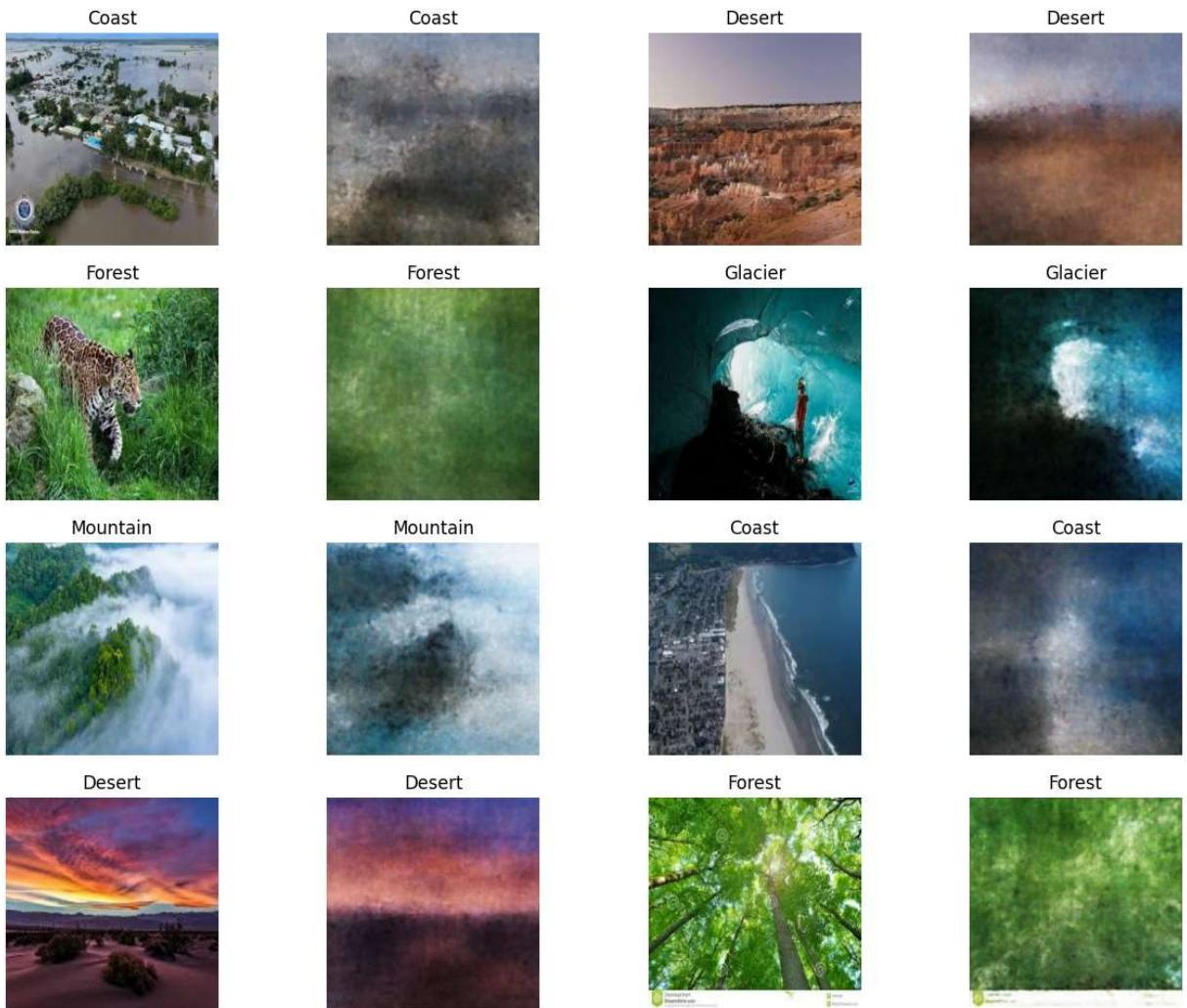
```



```
600/600 [=====] - 146s 243ms/step - loss: 194.7817 - reconstruction_error: 137.5934 - regularization_error: 57.1884 - val_loss: 230.7083 - val_reconstruction_error: 175.8876 - val_regularization_error: 54.8208
Epoch 38/100
600/600 [=====] - ETA: 0s - loss: 193.9281 - reconstruction_error: 136.3532 - regularization_error: 57.5750
[2023-11-22 00:52:31.424267]: Reconstructing images for epoch 38 ...
```



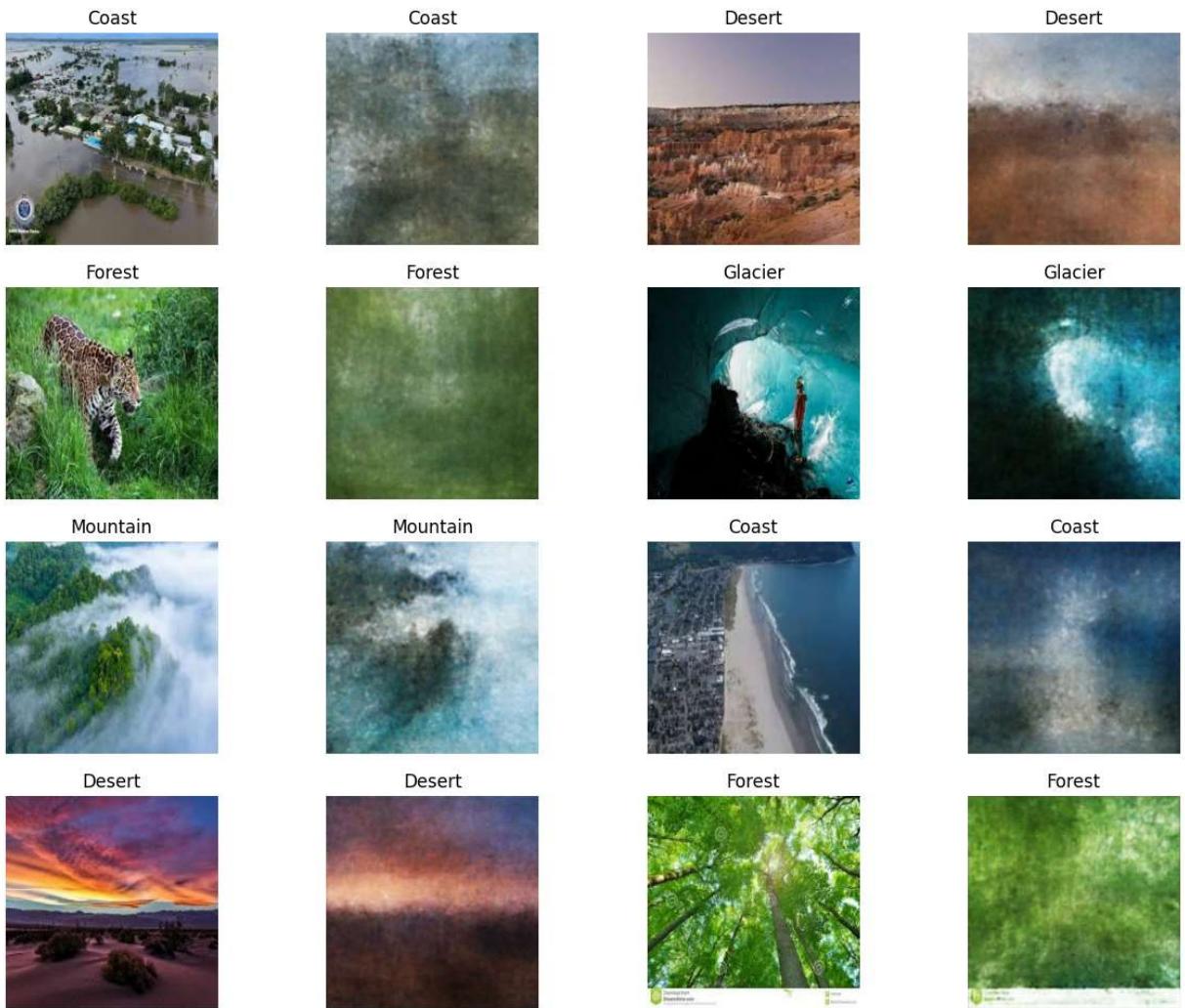
```
600/600 [=====] - 144s 240ms/step - loss: 193.9281 - reconstruction_error: 136.3532 - regularization_error: 57.5750 - val_loss: 230.7930 - val_reconstruction_error: 174.7792 - val_regularization_error: 56.0139
Epoch 39/100
600/600 [=====] - ETA: 0s - loss: 192.7452 - reconstruction_error: 135.1119 - regularization_error: 57.6331
[2023-11-22 00:54:53.941861]: Reconstructing images for epoch 39 ...
```



```

600/600 [=====] - 143s 238ms/step - loss: 192.7452 - reconstruction_error: 135.1119 - regularization_error: 57.6331 - val_loss: 231.4919 - val_reconstruction_error: 176.4277 - val_regularization_error: 55.0642
Epoch 40/100
600/600 [=====] - ETA: 0s - loss: 191.9242 - reconstruction_error: 133.9488 - regularization_error: 57.9755
[2023-11-22 00:57:06.743418]: Reconstructing images for epoch 40 ...

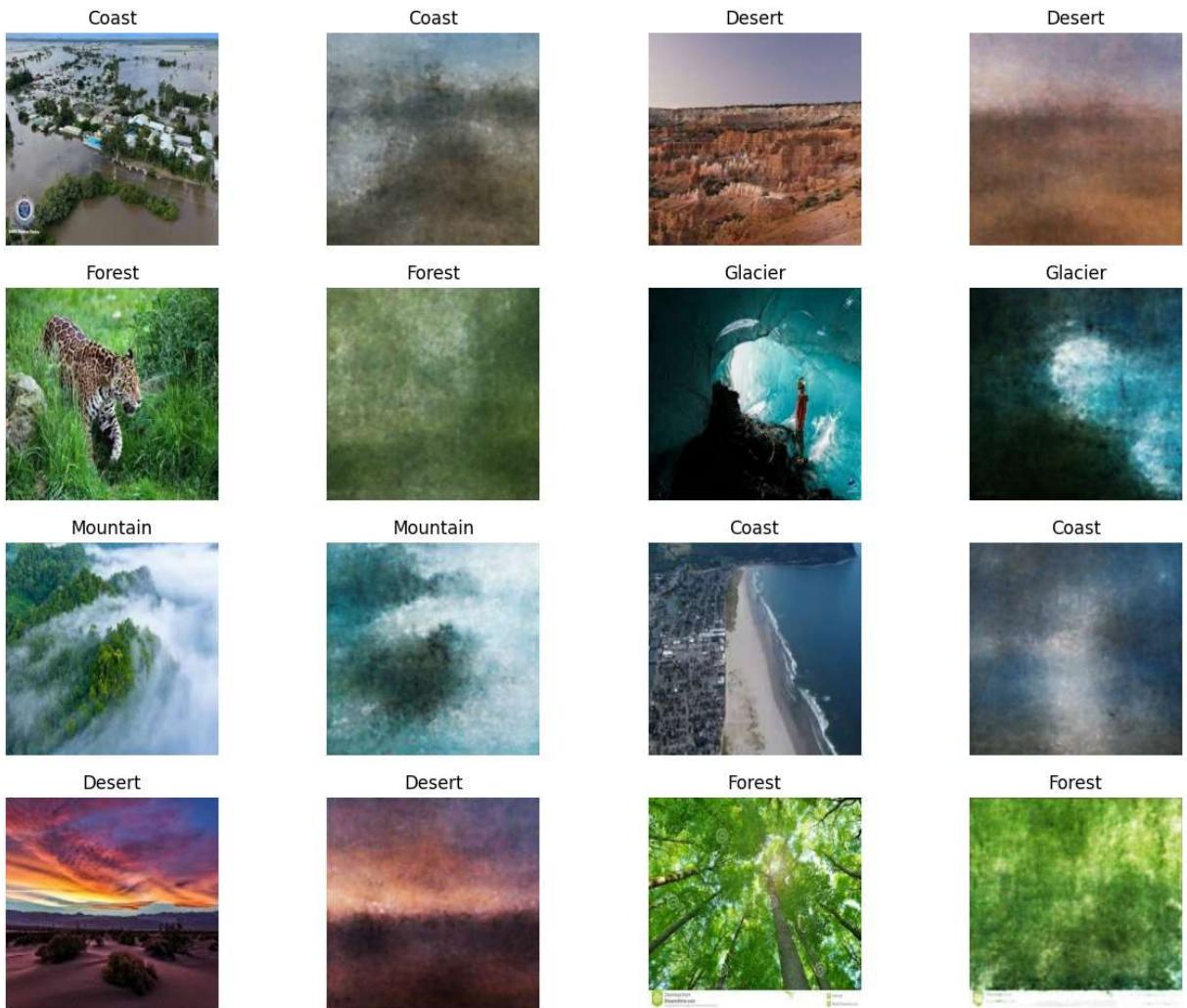
```



```

600/600 [=====] - 133s 221ms/step - loss: 191.9242 - reconstruction_error: 133.9488 - regularization_error: 57.9755 - val_loss: 233.4042 - val_reconstruction_error: 176.8125 - val_regularization_error: 56.5916
Epoch 41/100
600/600 [=====] - ETA: 0s - loss: 191.0751 - reconstruction_error: 132.9054 - regularization_error: 58.1697
[2023-11-22 00:59:31.006152]: Reconstructing images for epoch 41 ...

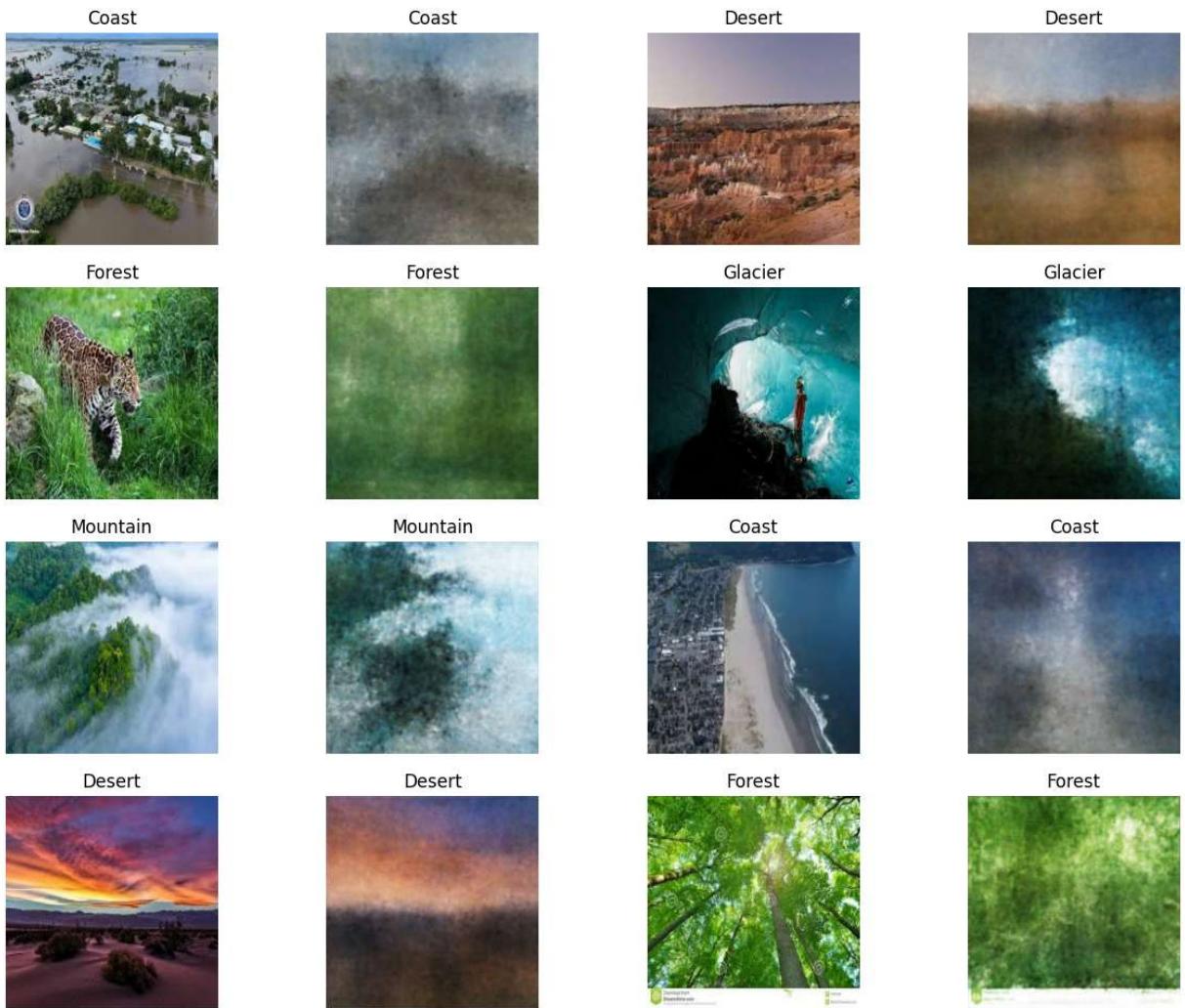
```



```

600/600 [=====] - 144s 241ms/step - loss: 191.0751 - reconstruction_error: 132.9054 - regularization_error: 58.1697 - val_loss: 231.3922 - val_reconstruction_error: 177.0275 - val_regularization_error: 54.3647
Epoch 42/100
600/600 [=====] - ETA: 0s - loss: 190.3976 - reconstruction_error: 132.1244 - regularization_error: 58.2733
[2023-11-22 01:01:56.411234]: Reconstructing images for epoch 42 ...

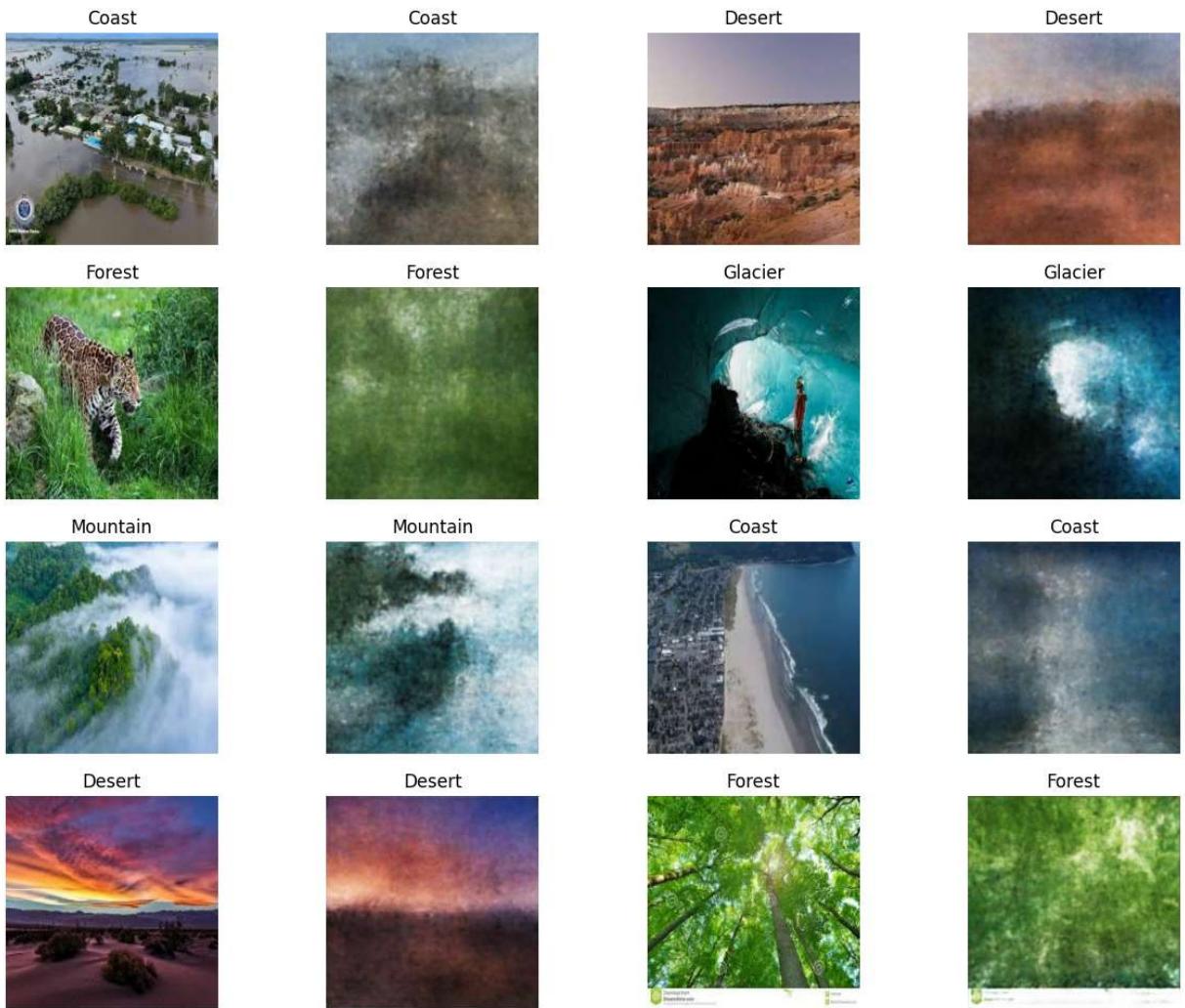
```



```

600/600 [=====] - 145s 241ms/step - loss: 190.3976 - reconstruction_error: 132.1244 - regularization_error: 58.2733 - val_loss: 233.8138 - val_reconstruction_error: 176.4320 - val_regularization_error: 57.3818
Epoch 43/100
600/600 [=====] - ETA: 0s - loss: 189.3681 - reconstruction_error: 130.8179 - regularization_error: 58.5501
[2023-11-22 01:04:24.312927]: Reconstructing images for epoch 43 ...

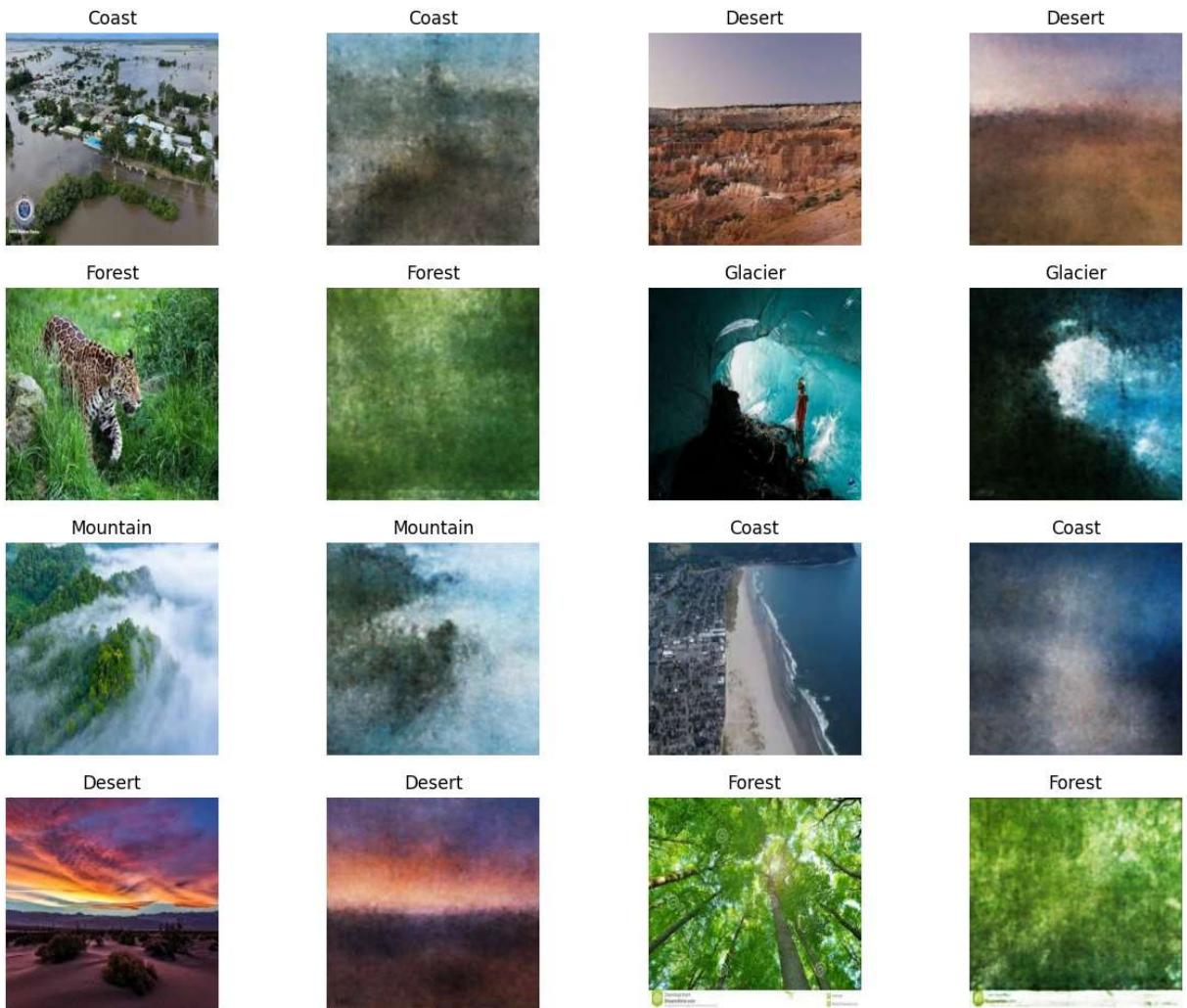
```



```

600/600 [=====] - 148s 246ms/step - loss: 189.3681 - reconstruction_error: 130.8179 - regularization_error: 58.5501 - val_loss: 232.9468 - val_reconstruction_error: 177.3688 - val_regularization_error: 55.5780
Epoch 44/100
600/600 [=====] - ETA: 0s - loss: 188.5204 - reconstruction_error: 129.7345 - regularization_error: 58.7859
[2023-11-22 01:06:48.025233]: Reconstructing images for epoch 44 ...

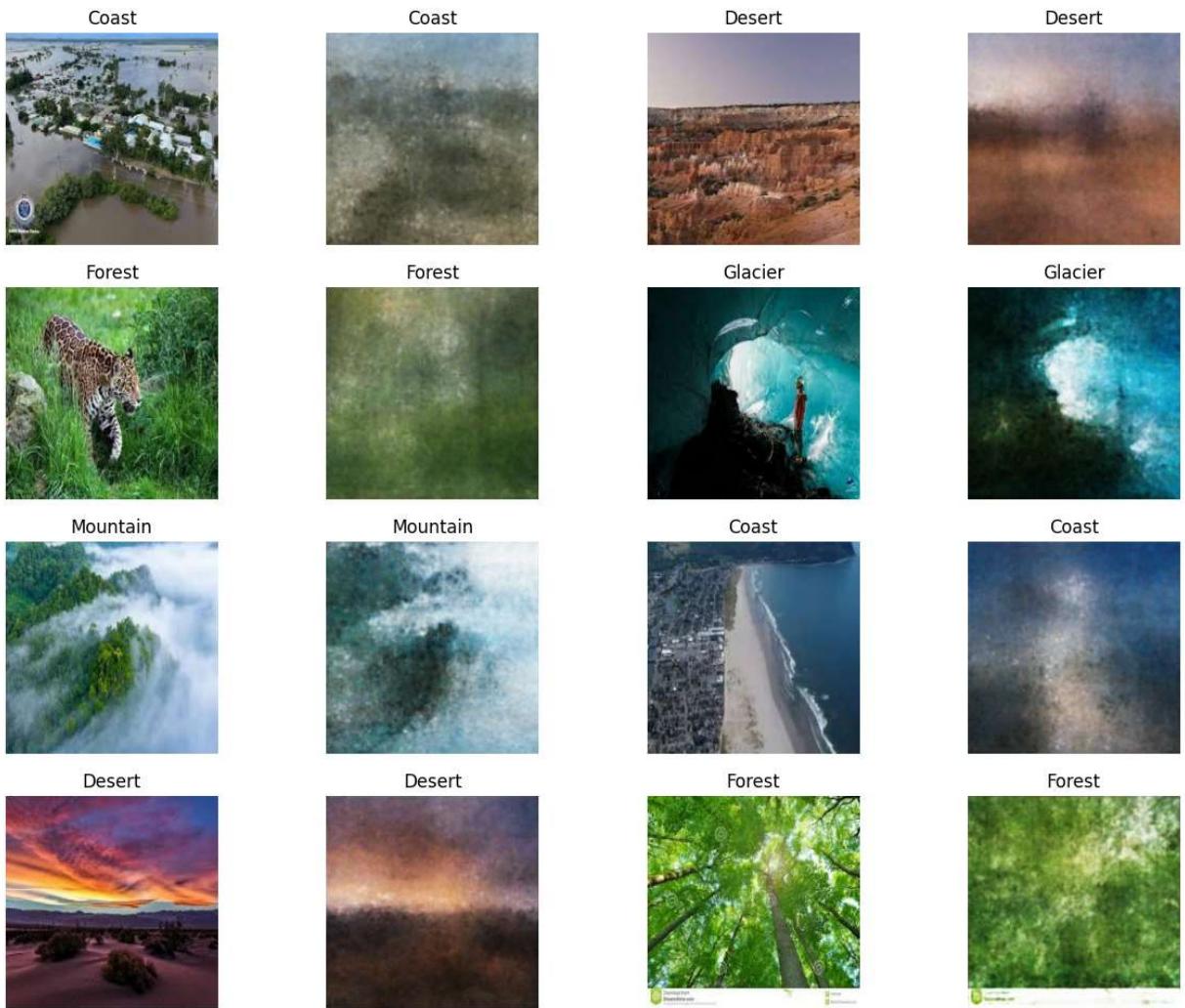
```



```

600/600 [=====] - 144s 240ms/step - loss: 188.5204 - reconstruction_error: 129.7345 - regularization_error: 58.7859 - val_loss: 233.5619 - val_reconstruction_error: 177.0267 - val_regularization_error: 56.5353
Epoch 45/100
600/600 [=====] - ETA: 0s - loss: 187.8242 - reconstruction_error: 128.9739 - regularization_error: 58.8504
[2023-11-22 01:09:06.847776]: Reconstructing images for epoch 45 ...

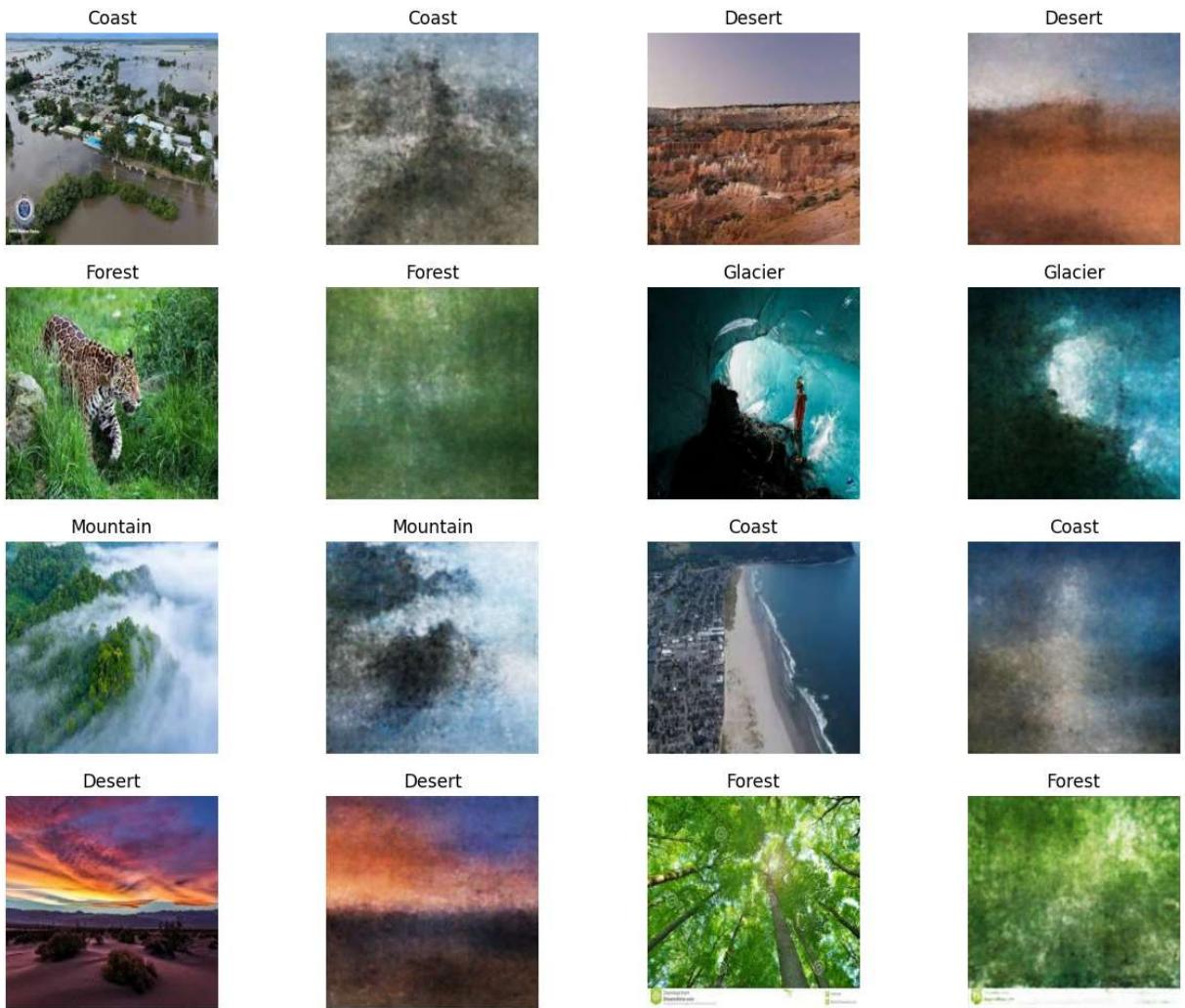
```



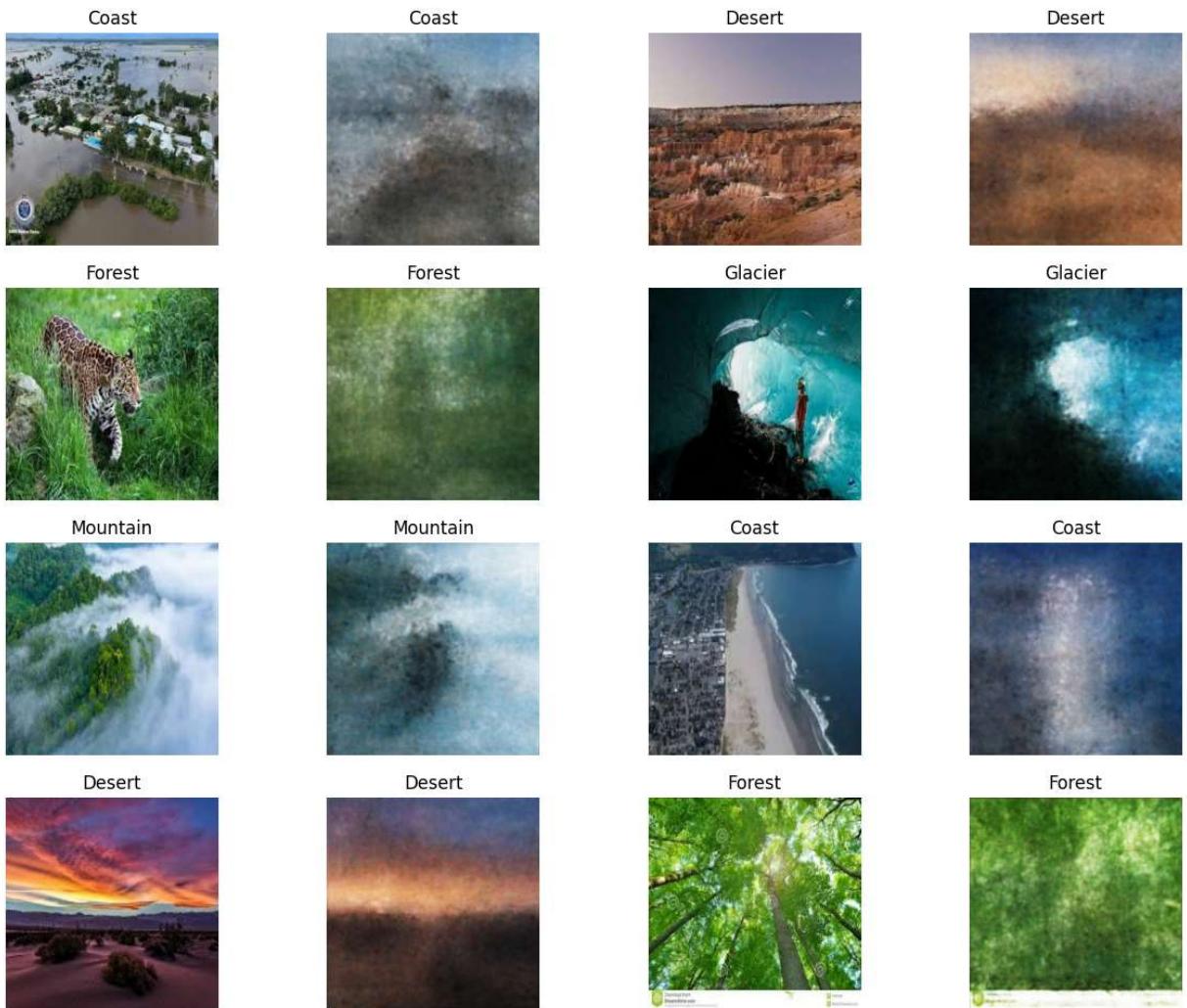
```

600/600 [=====] - 140s 233ms/step - loss: 187.8242 - reconstruction_error: 128.9739 - regularization_error: 58.8504 - val_loss: 234.2132 - val_reconstruction_error: 176.7103 - val_regularization_error: 57.5029
Epoch 46/100
600/600 [=====] - ETA: 0s - loss: 186.8229 - reconstruction_error: 127.7152 - regularization_error: 59.1077
[2023-11-22 01:11:28.856472]: Reconstructing images for epoch 46 ...

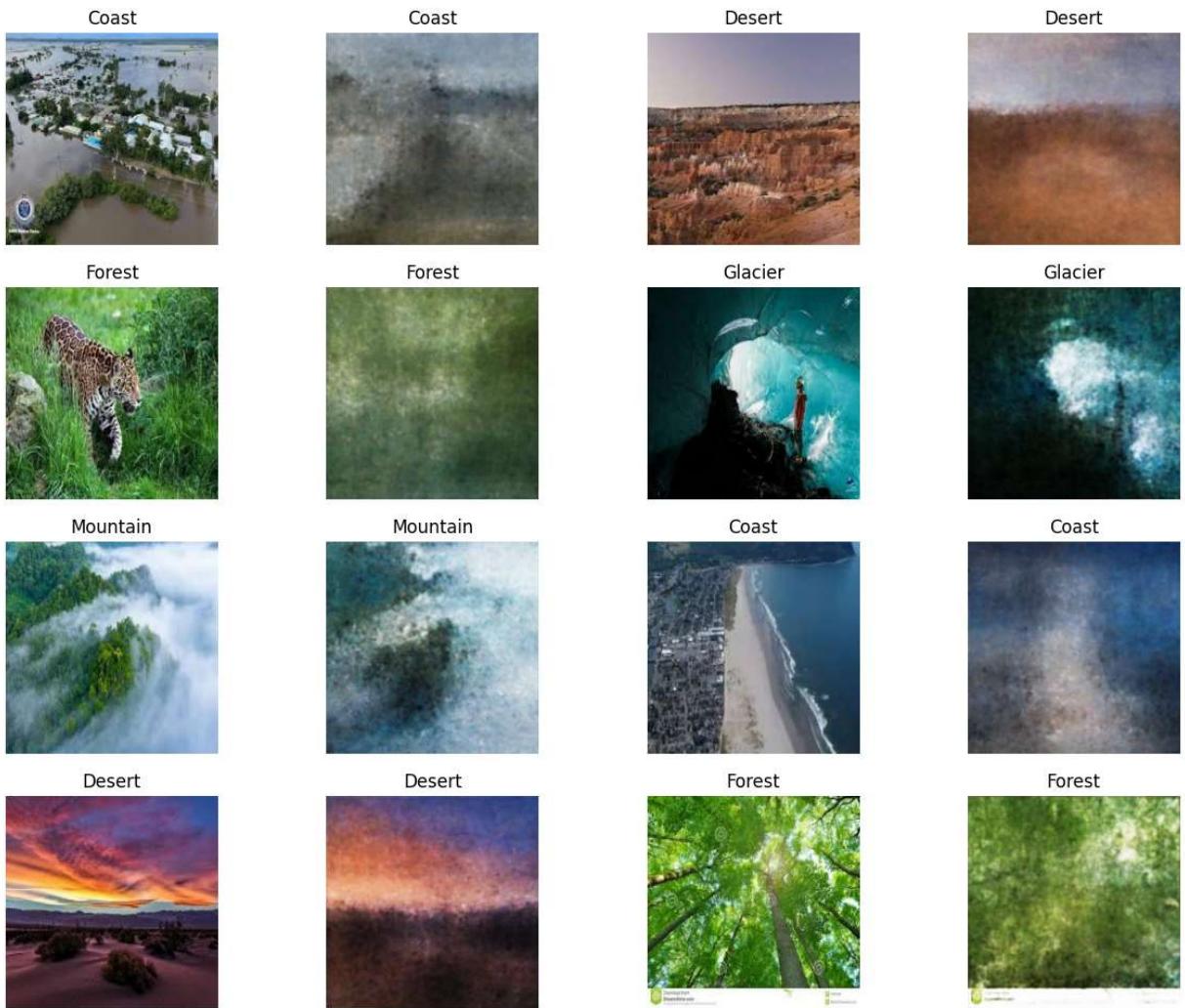
```



600/600 [=====] - 141s 234ms/step - loss: 186.8229 - reconstruction_error: 127.7152 - regularization_error: 59.1077 - val_loss: 232.2398 - val_reconstruction_error: 176.0820 - val_regularization_error: 56.1578
 Epoch 47/100
 600/600 [=====] - ETA: 0s - loss: 186.3152 - reconstruction_error: 127.0868 - regularization_error: 59.2284
 [2023-11-22 01:13:43.734537]: Reconstructing images for epoch 47 ...



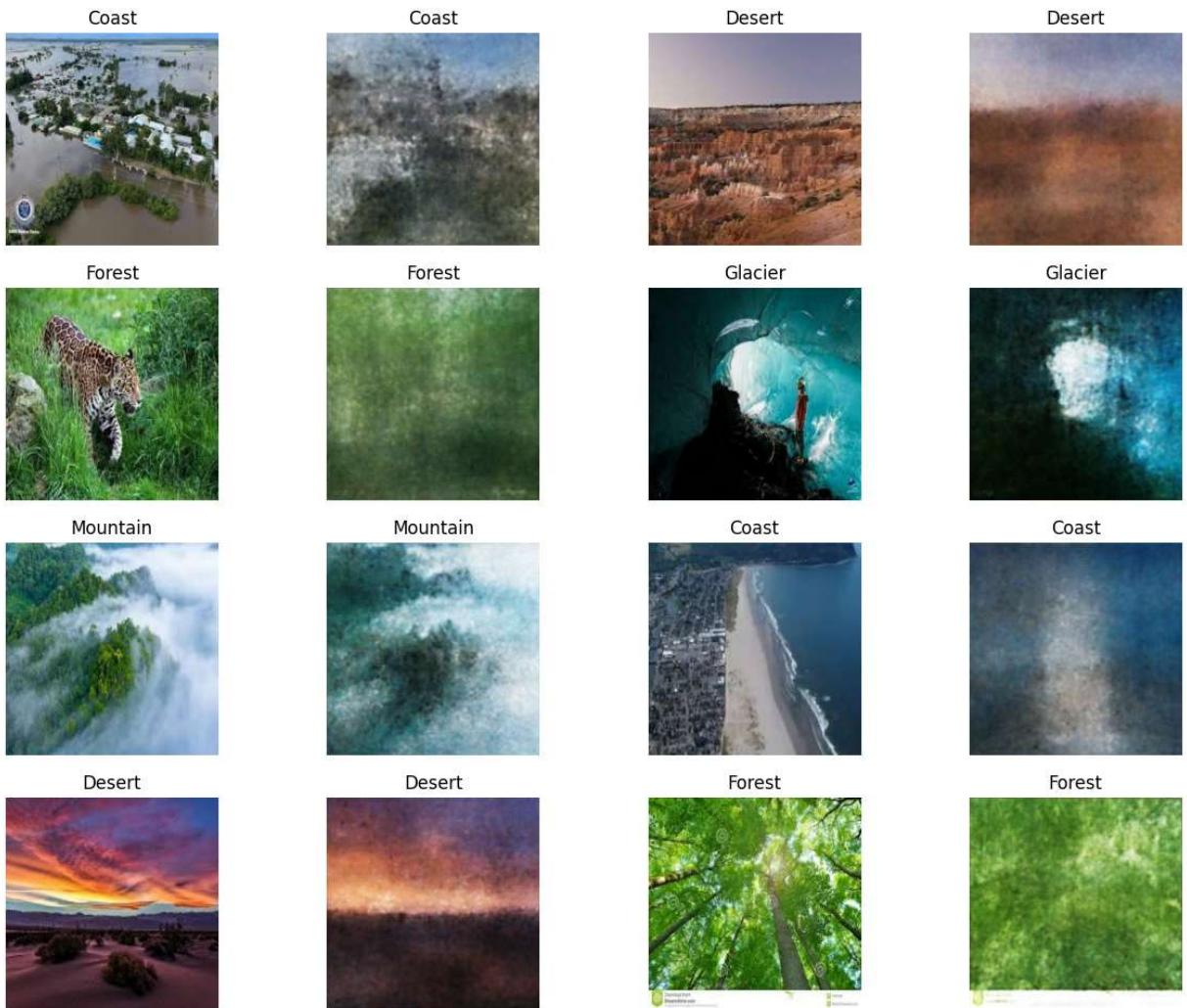
```
600/600 [=====] - 135s 225ms/step - loss: 186.3152 - reconstruction_error: 127.0868 - regularization_error: 59.2284 - val_loss: 232.1981 - val_reconstruction_error: 176.1784 - val_regularization_error: 56.0198
Epoch 48/100
600/600 [=====] - ETA: 0s - loss: 185.4852 - reconstruction_error: 126.0737 - regularization_error: 59.4117
[2023-11-22 01:16:06.038981]: Reconstructing images for epoch 48 ...
```



```

600/600 [=====] - 142s 236ms/step - loss: 185.4852 - reconstruction_error: 126.0737 - regularization_error: 59.4117 - val_loss: 233.4337 - val_reconstruction_error: 176.6217 - val_regularization_error: 56.8121
Epoch 49/100
600/600 [=====] - ETA: 0s - loss: 184.5350 - reconstruction_error: 125.0523 - regularization_error: 59.4828
[2023-11-22 01:18:28.835914]: Reconstructing images for epoch 49 ...

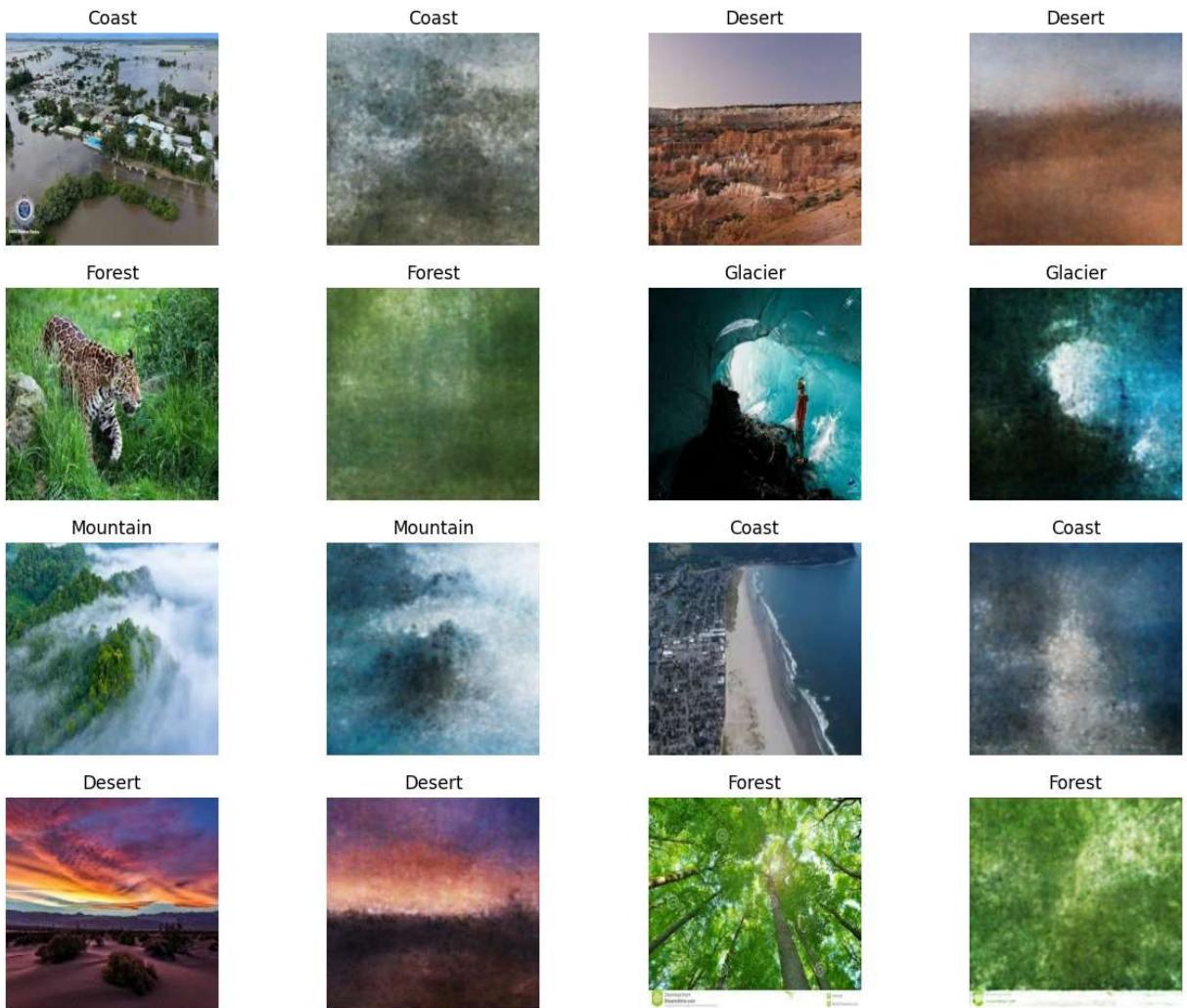
```



```

600/600 [=====] - 143s 237ms/step - loss: 184.5350 - reconstruction_error: 125.0523 - regularization_error: 59.4828 - val_loss: 235.2421 - val_reconstruction_error: 176.9319 - val_regularization_error: 58.3102
Epoch 50/100
600/600 [=====] - ETA: 0s - loss: 183.9131 - reconstruction_error: 124.2893 - regularization_error: 59.6237
[2023-11-22 01:21:41.936446]: Reconstructing images for epoch 50 ...

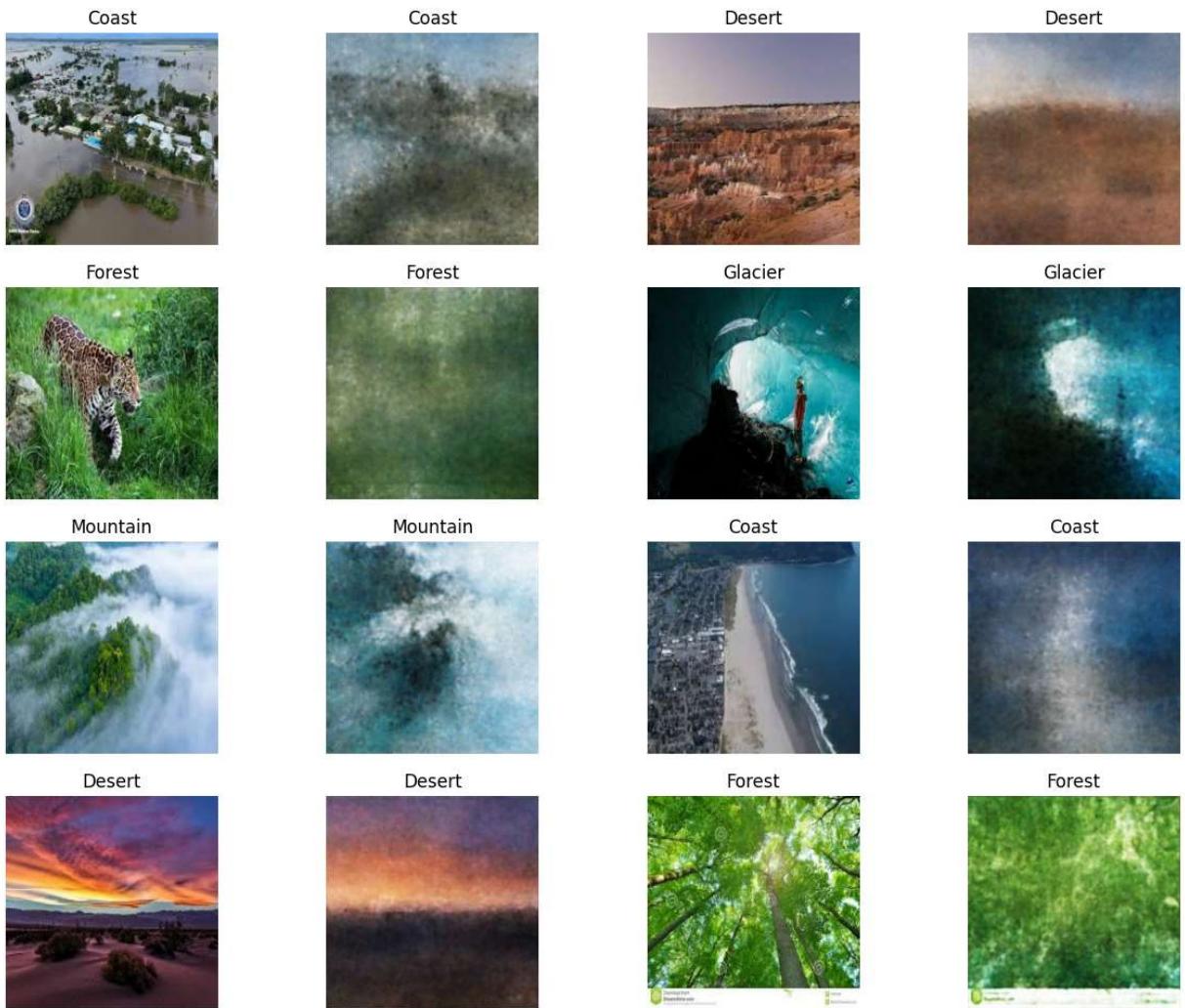
```



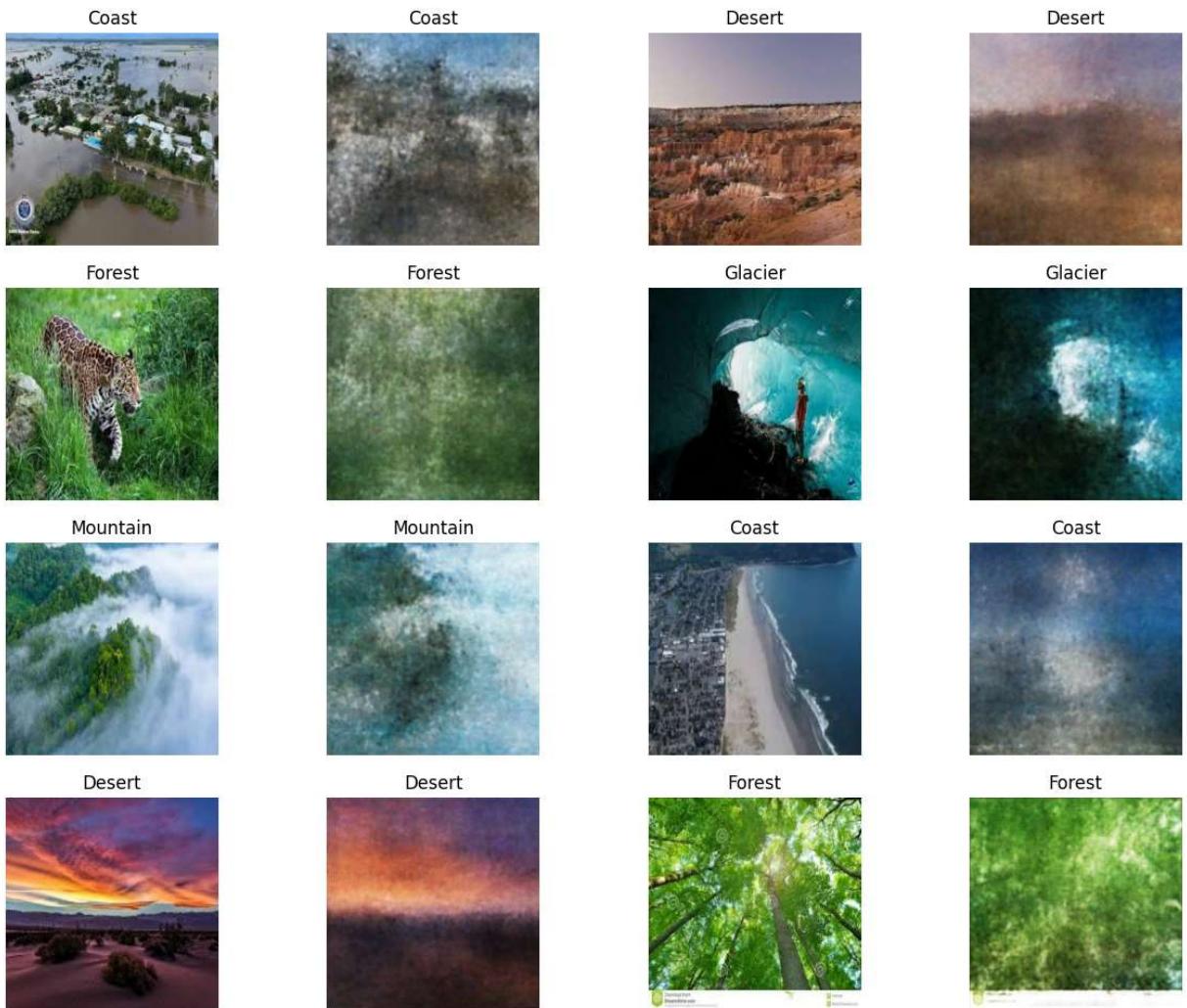
```

600/600 [=====] - 134s 223ms/step - loss: 183.9131 - reconstruction_error: 124.2893 - regularization_error: 59.6237 - val_loss: 234.1101 - val_reconstruction_error: 178.0214 - val_regularization_error: 56.0887
Epoch 51/100
600/600 [=====] - ETA: 0s - loss: 183.1749 - reconstruction_error: 123.4811 - regularization_error: 59.6936
[2023-11-22 01:24:03.374673]: Reconstructing images for epoch 51 ...

```



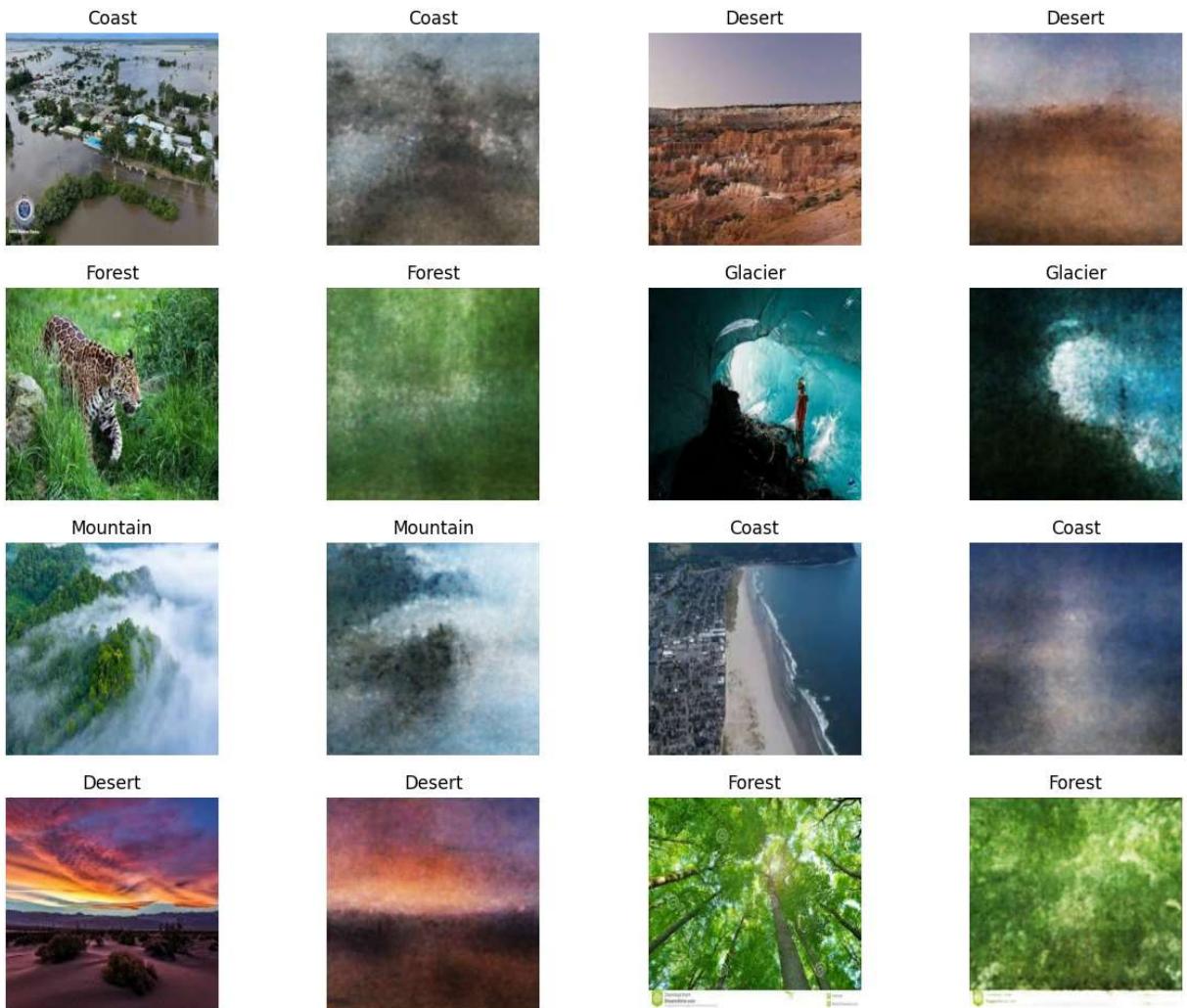
600/600 [=====] - 141s 235ms/step - loss: 183.1749 - reconstruction_error: 123.4811 - regularization_error: 59.6936 - val_loss: 234.8313 - val_reconstruction_error: 178.6106 - val_regularization_error: 56.2207
 Epoch 52/100
 600/600 [=====] - ETA: 0s - loss: 182.5366 - reconstruction_error: 122.7463 - regularization_error: 59.7902
 [2023-11-22 01:26:27.315310]: Reconstructing images for epoch 52 ...



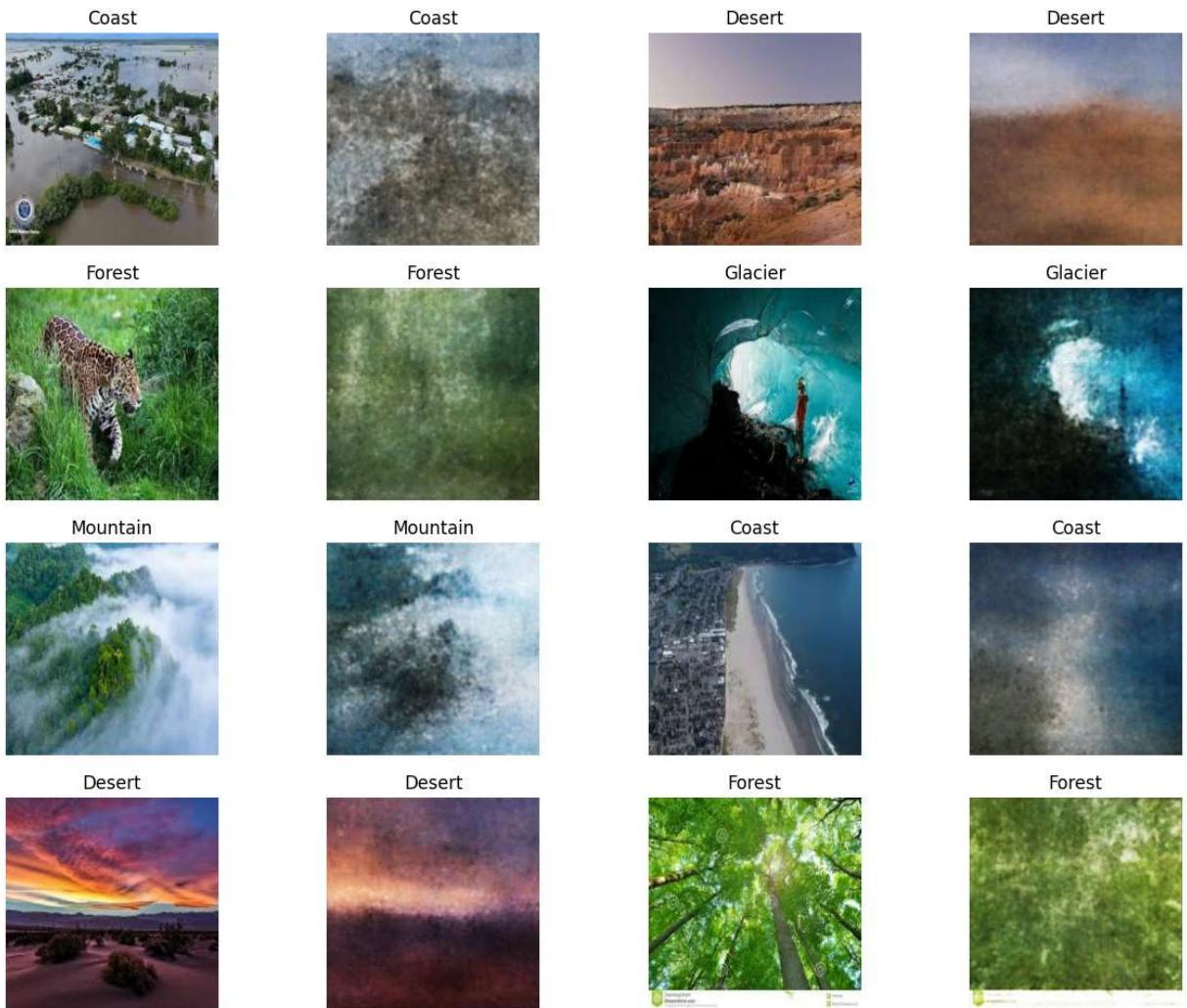
```

600/600 [=====] - 144s 239ms/step - loss: 182.5366 - reconstruction_error: 122.7463 - regularization_error: 59.7902 - val_loss: 233.9893 - val_reconstruction_error: 178.3204 - val_regularization_error: 55.6690
Epoch 53/100
600/600 [=====] - ETA: 0s - loss: 181.7291 - reconstruction_error: 121.7841 - regularization_error: 59.9451
[2023-11-22 01:28:51.426194]: Reconstructing images for epoch 53 ...

```



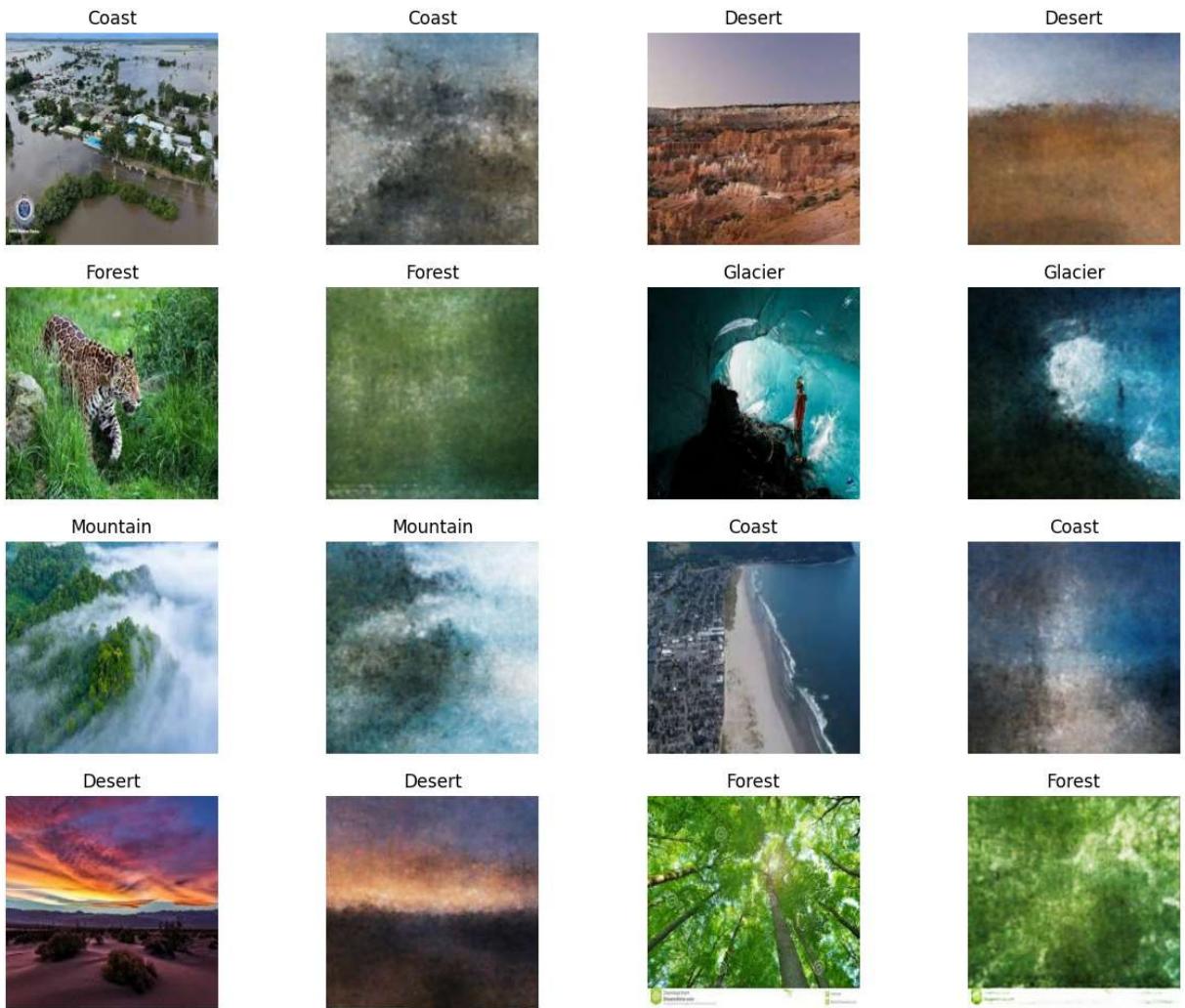
600/600 [=====] - 144s 240ms/step - loss: 181.7291 - reconstruction_error: 121.7841 - regularization_error: 59.9451 - val_loss: 235.3864 - val_reconstruction_error: 177.5321 - val_regularization_error: 57.8543
 Epoch 54/100
 600/600 [=====] - ETA: 0s - loss: 181.5295 - reconstruction_error: 121.3509 - regularization_error: 60.1787
 [2023-11-22 01:31:07.858374]: Reconstructing images for epoch 54 ...



```

600/600 [=====] - 137s 227ms/step - loss: 181.5295 - reconstruction_error: 121.3509 - regularization_error: 60.1787 - val_loss: 235.3873 - val_reconstruction_error: 178.1873 - val_regularization_error: 57.2001
Epoch 55/100
600/600 [=====] - ETA: 0s - loss: 180.6216 - reconstruction_error: 120.4421 - regularization_error: 60.1796
[2023-11-22 01:33:31.237506]: Reconstructing images for epoch 55 ...

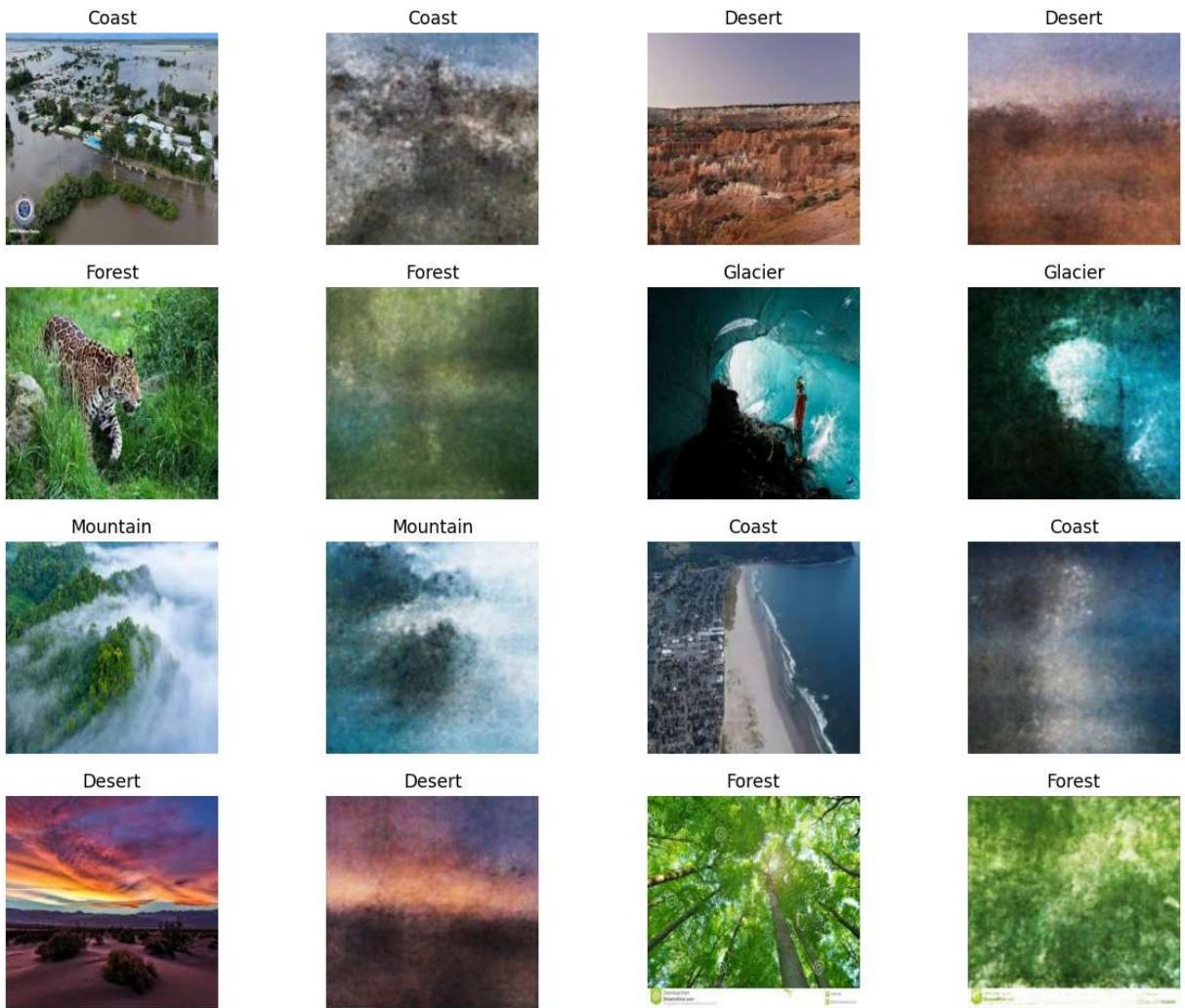
```



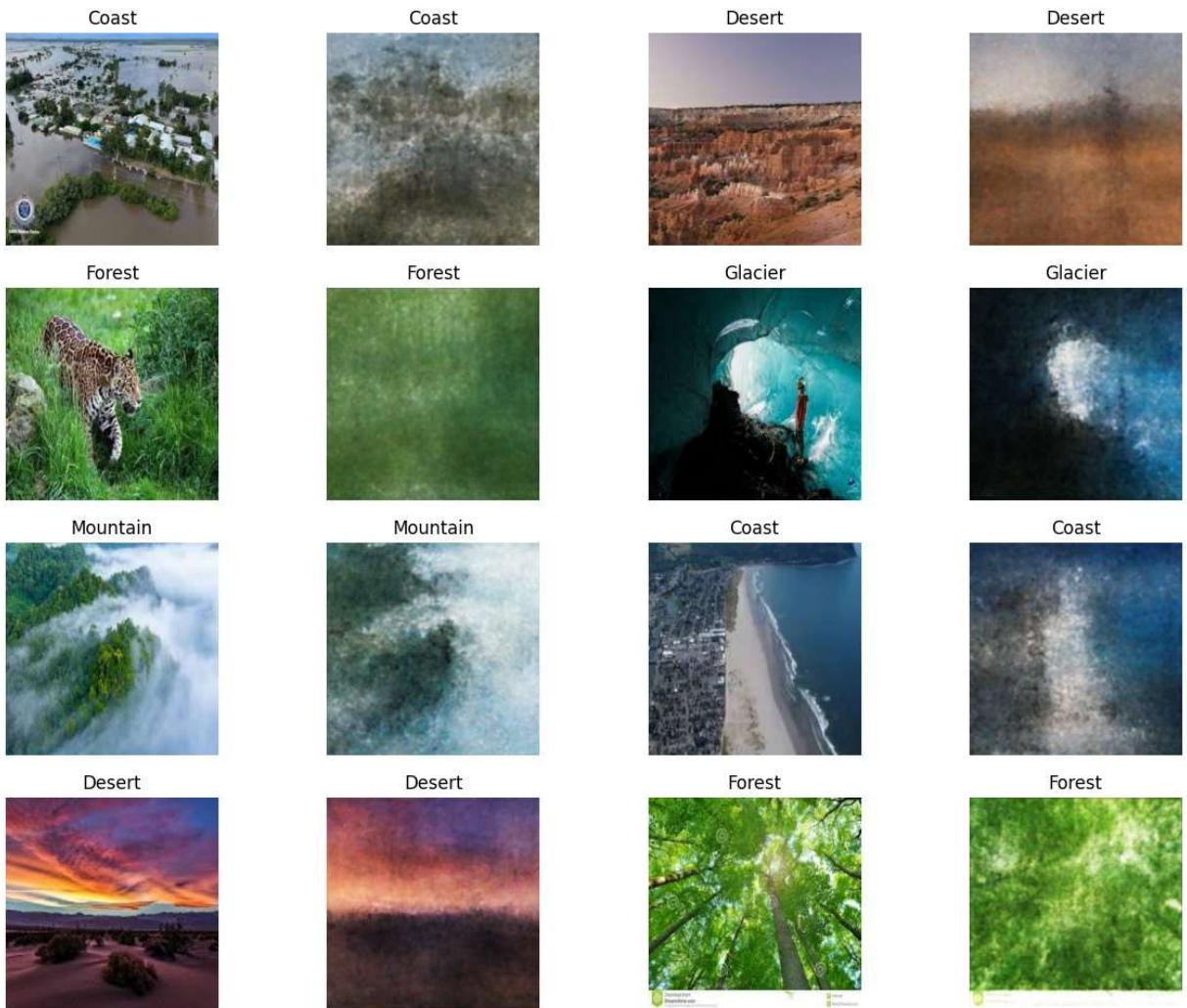
```

600/600 [=====] - 143s 238ms/step - loss: 180.6216 - reconstruction_error: 120.4421 - regularization_error: 60.1796 - val_loss: 236.2654 - val_reconstruction_error: 177.2319 - val_regularization_error: 59.0334
Epoch 56/100
600/600 [=====] - ETA: 0s - loss: 180.0878 - reconstruction_error: 119.7751 - regularization_error: 60.3128
[2023-11-22 01:35:59.091340]: Reconstructing images for epoch 56 ...

```



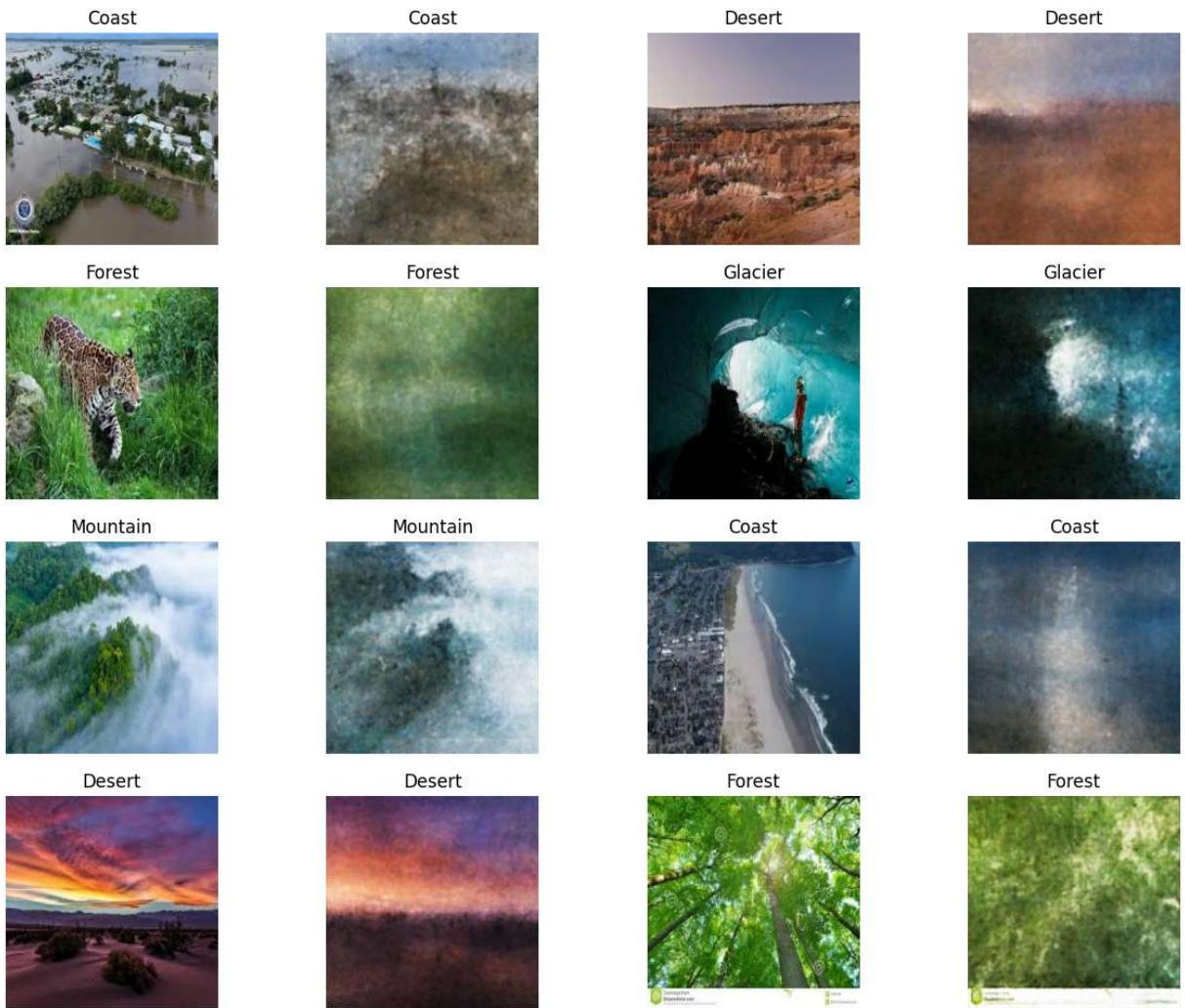
600/600 [=====] - 148s 247ms/step - loss: 180.0878 - reconstruction_error: 119.7751 - regularization_error: 60.3128 - val_loss: 235.1510 - val_reconstruction_error: 179.3993 - val_regularization_error: 55.7517
 Epoch 57/100
 600/600 [=====] - ETA: 0s - loss: 179.6028 - reconstruction_error: 119.0388 - regularization_error: 60.5641
 [2023-11-22 01:38:18.593843]: Reconstructing images for epoch 57 ...



```

600/600 [=====] - 140s 233ms/step - loss: 179.6028 - reconstruction_error: 119.0388 - regularization_error: 60.5641 - val_loss: 234.9729 - val_reconstruction_error: 178.4713 - val_regularization_error: 56.5016
Epoch 58/100
600/600 [=====] - ETA: 0s - loss: 178.8317 - reconstruction_error: 118.2649 - regularization_error: 60.5669
[2023-11-22 01:40:36.971335]: Reconstructing images for epoch 58 ...

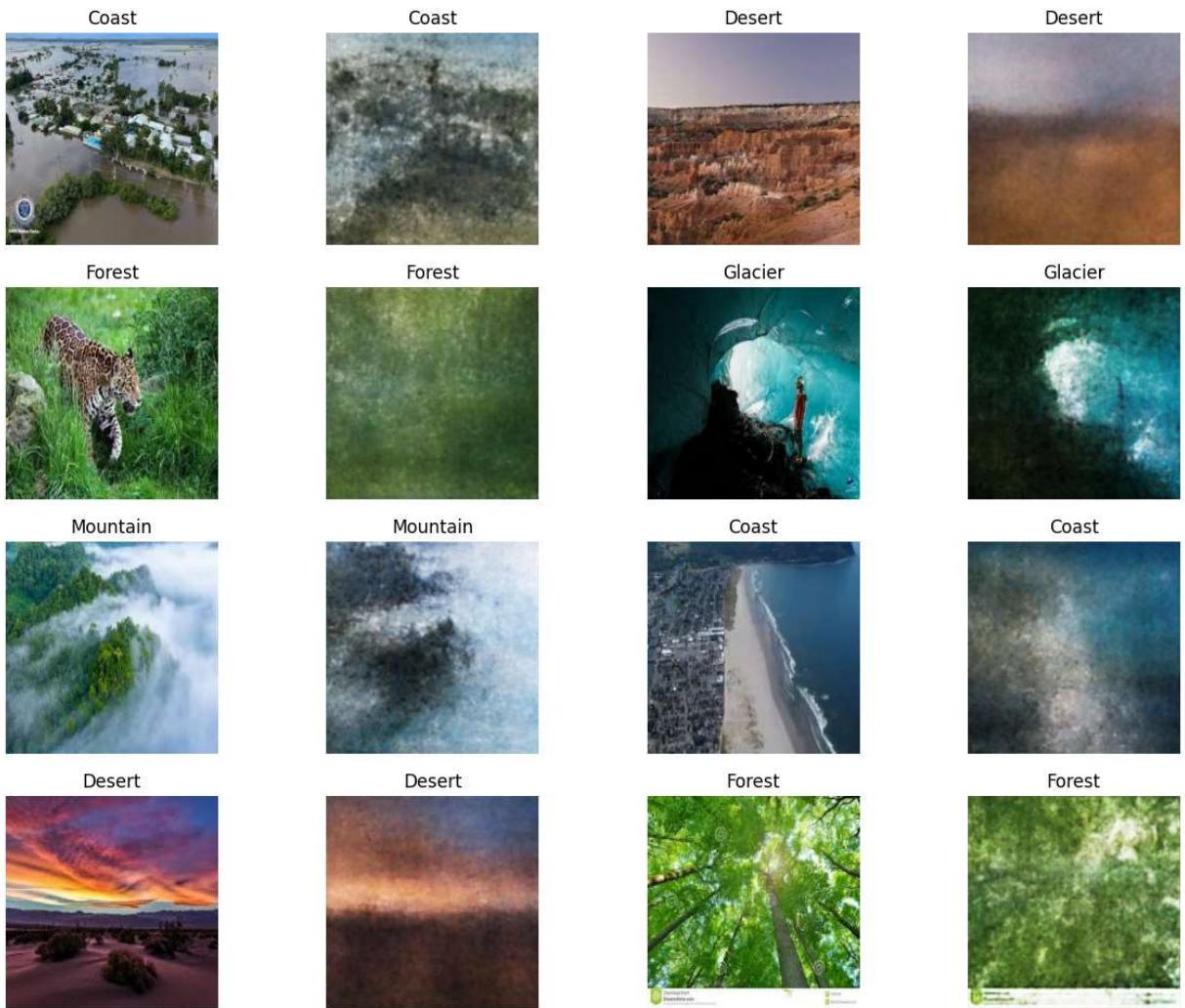
```



```

600/600 [=====] - 138s 230ms/step - loss: 178.8317 - reconstruction_error: 118.2649 - regularization_error: 60.5669 - val_loss: 237.8876 - val_reconstruction_error: 180.5624 - val_regularization_error: 57.3252
Epoch 59/100
600/600 [=====] - ETA: 0s - loss: 178.3481 - reconstruction_error: 117.7902 - regularization_error: 60.5580
[2023-11-22 01:42:58.839064]: Reconstructing images for epoch 59 ...

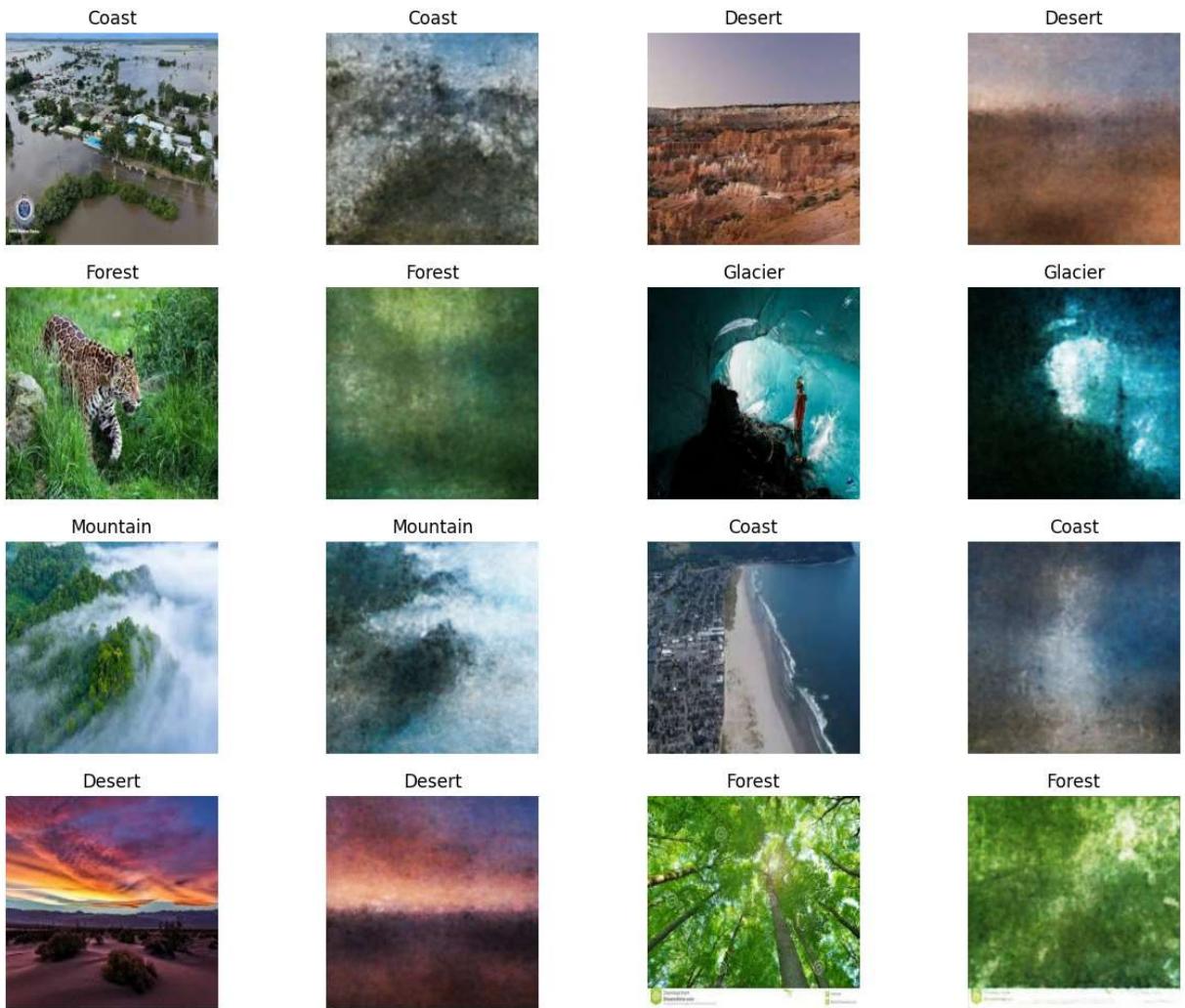
```



```

600/600 [=====] - 142s 236ms/step - loss: 178.3481 - reconstruction_error: 117.7902 - regularization_error: 60.5580 - val_loss: 236.7678 - val_reconstruction_error: 179.4700 - val_regularization_error: 57.2979
Epoch 60/100
600/600 [=====] - ETA: 0s - loss: 177.5697 - reconstruction_error: 116.9063 - regularization_error: 60.6634
[2023-11-22 01:45:20.041451]: Reconstructing images for epoch 60 ...

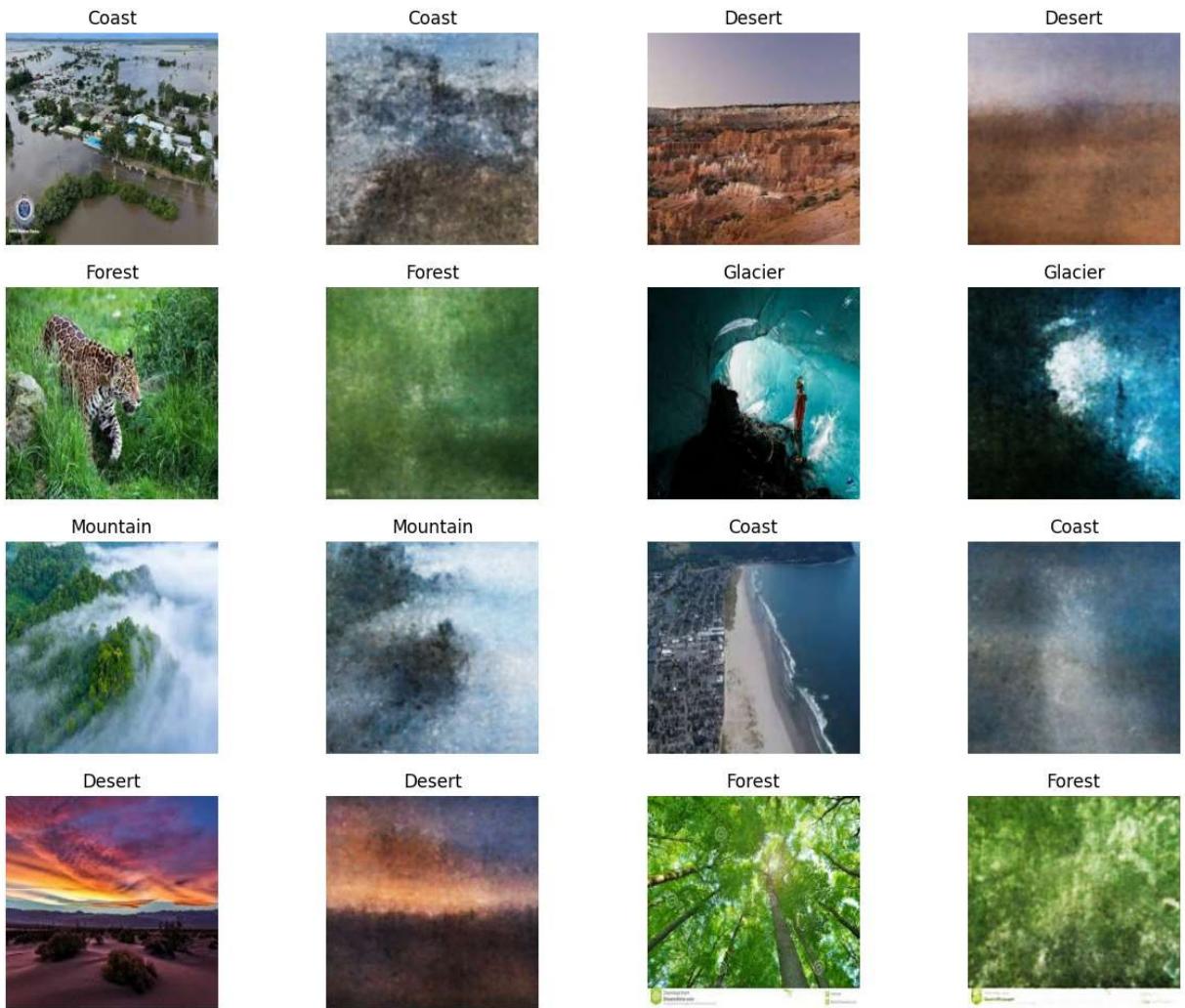
```



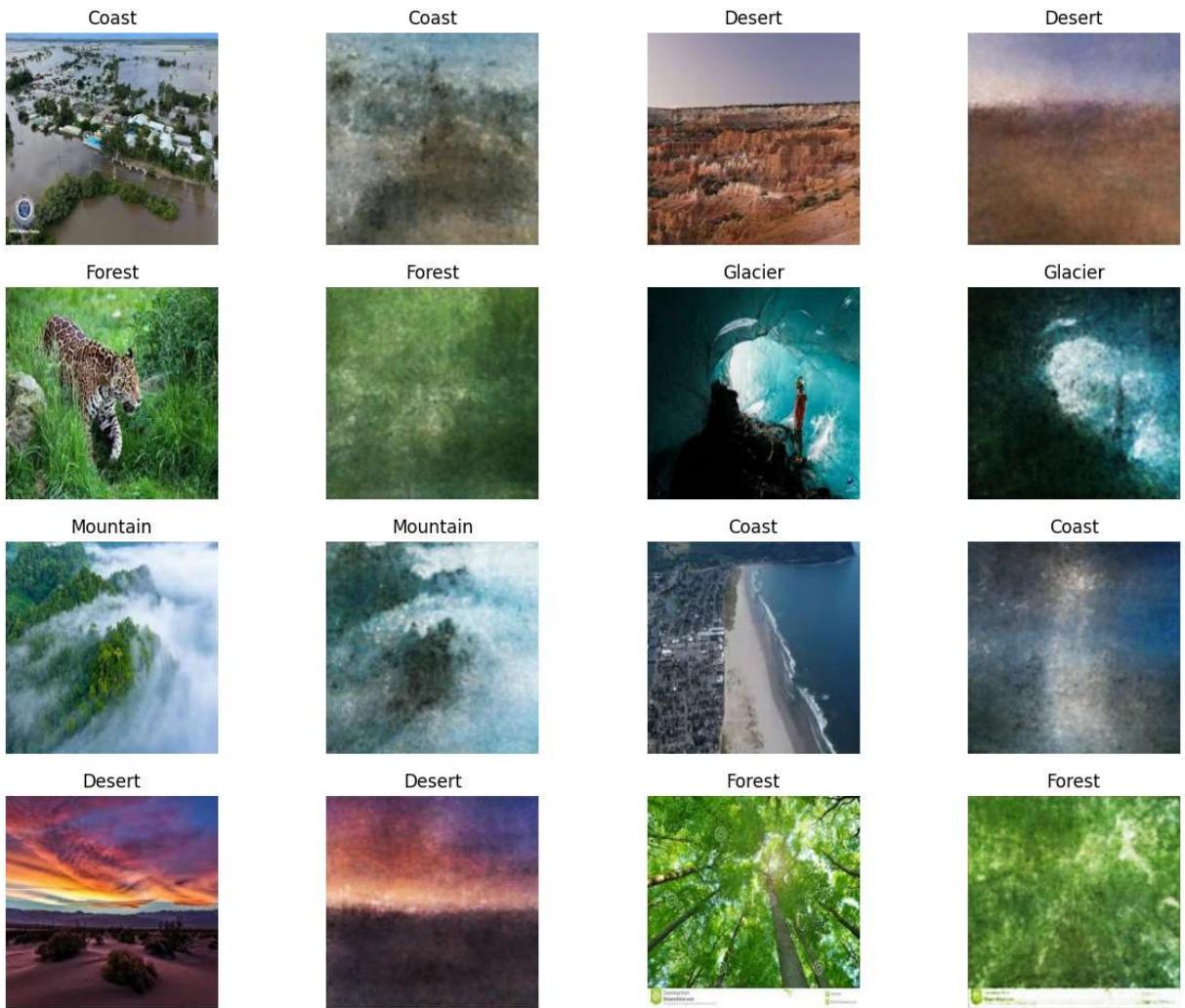
```

600/600 [=====] - 141s 235ms/step - loss: 177.5697 - reconstruction_error: 116.9063 - regularization_error: 60.6634 - val_loss: 237.5284 - val_reconstruction_error: 177.5684 - val_regularization_error: 59.9601
Epoch 61/100
600/600 [=====] - ETA: 0s - loss: 177.2775 - reconstruction_error: 116.3651 - regularization_error: 60.9124
[2023-11-22 01:47:41.069846]: Reconstructing images for epoch 61 ...

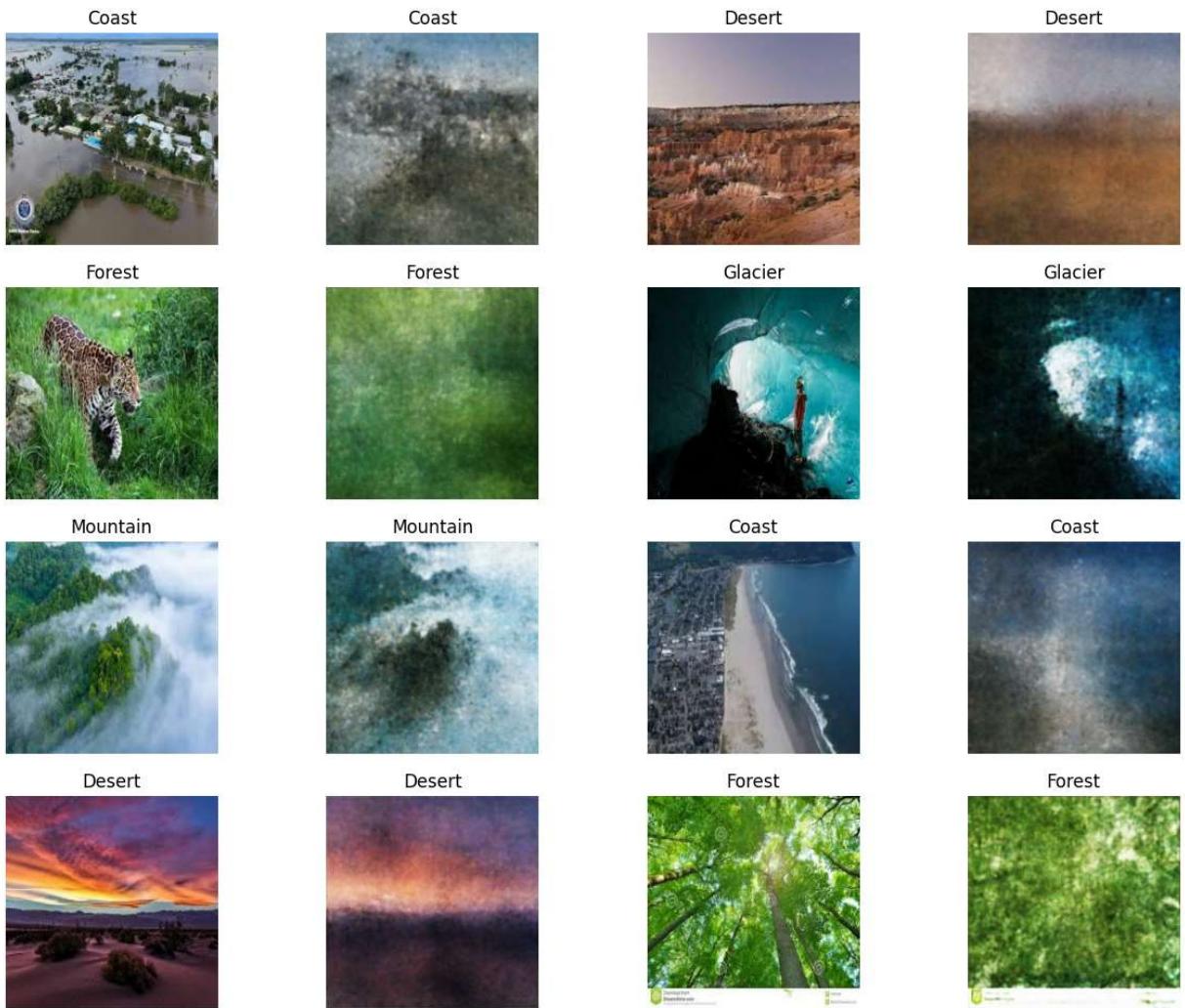
```



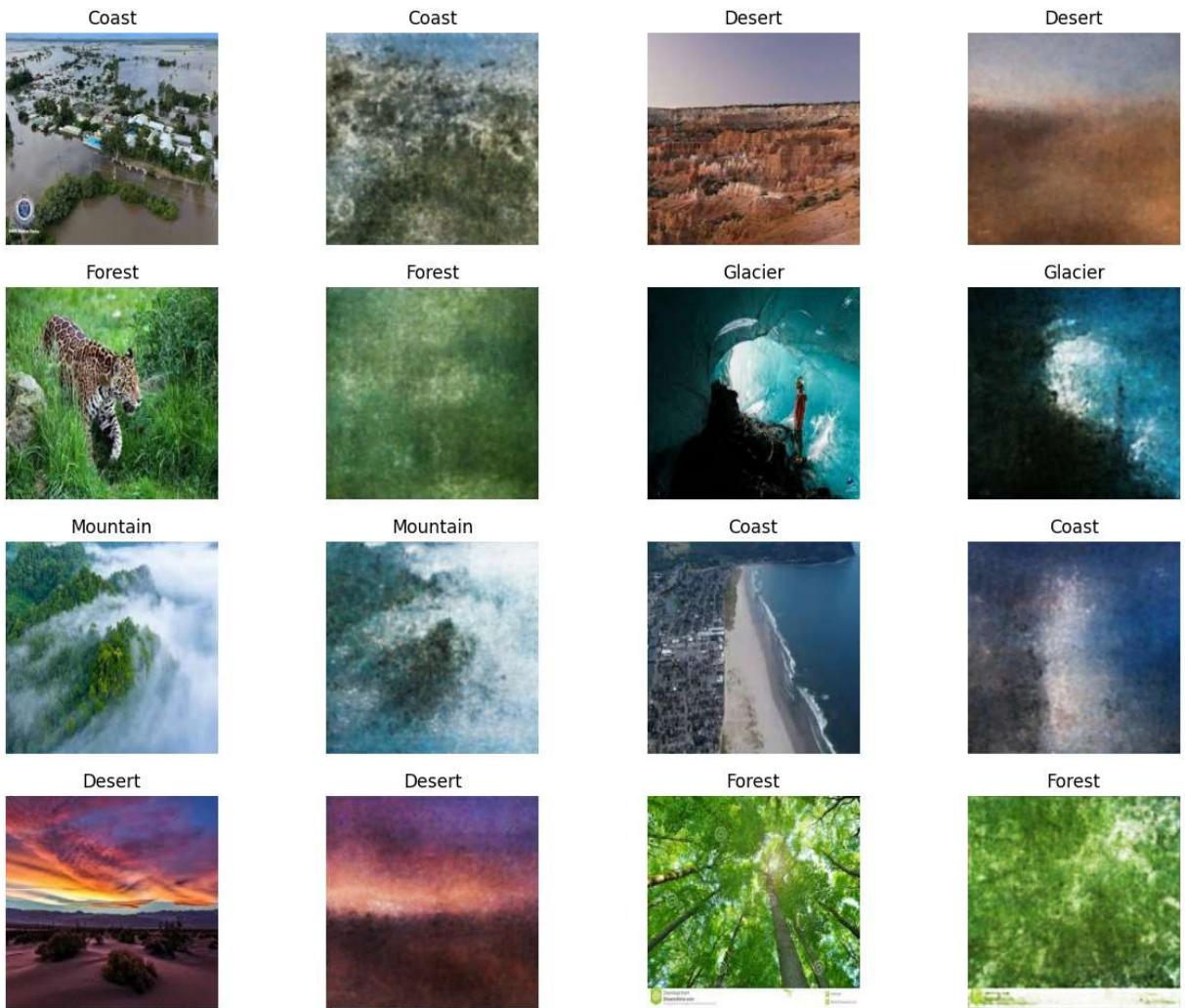
600/600 [=====] - 141s 235ms/step - loss: 177.2775 - reconstruction_error: 116.3651 - regularization_error: 60.9124 - val_loss: 235.8341 - val_reconstruction_error: 176.4838 - val_regularization_error: 59.3503
 Epoch 62/100
 600/600 [=====] - ETA: 0s - loss: 176.6066 - reconstruction_error: 115.6136 - regularization_error: 60.9929
 [2023-11-22 01:50:01.462956]: Reconstructing images for epoch 62 ...



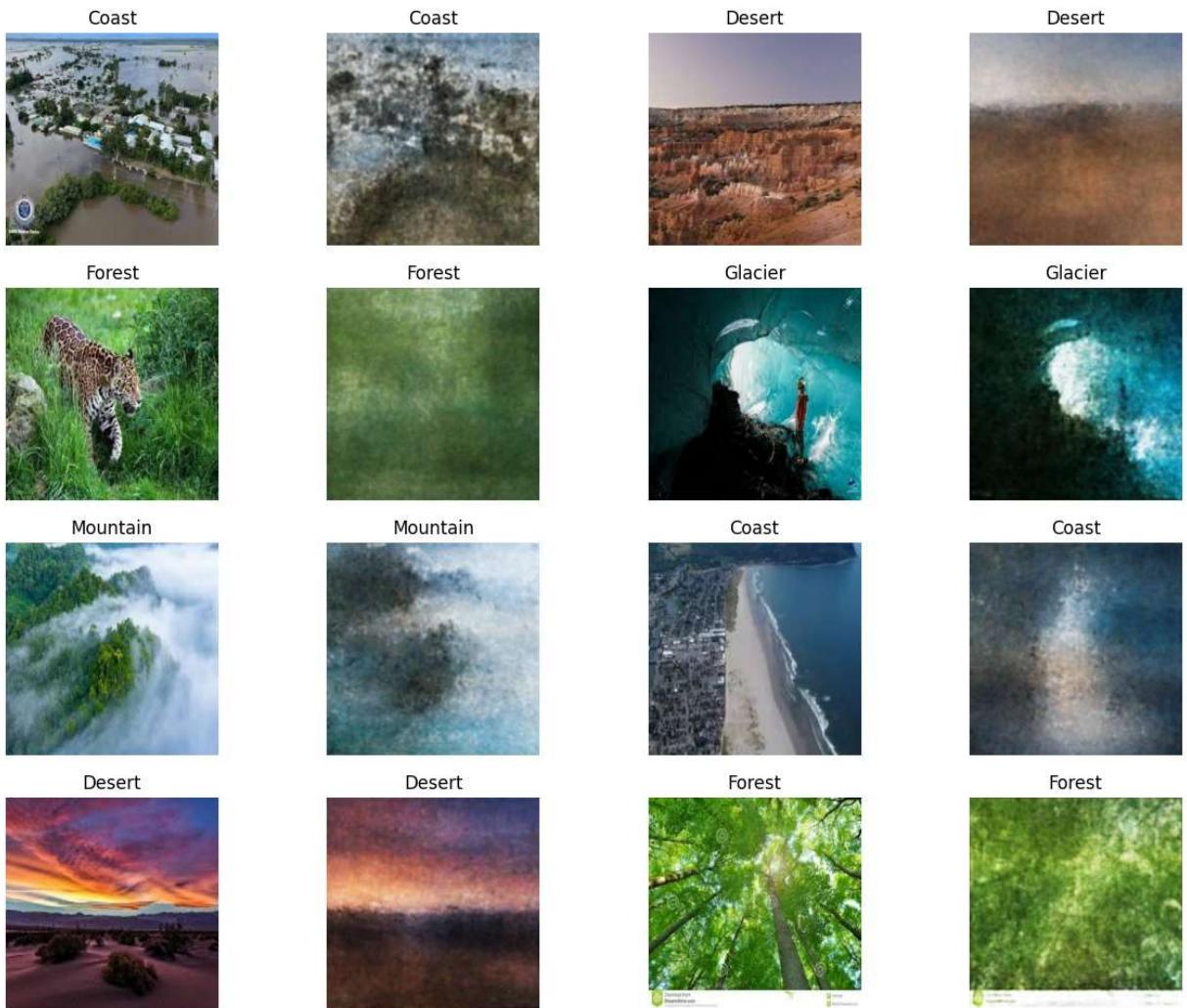
600/600 [=====] - 140s 234ms/step - loss: 176.6066 - reconstruction_error: 115.6136 - regularization_error: 60.9929 - val_loss: 236.5198 - val_reconstruction_error: 180.1509 - val_regularization_error: 56.3689
 Epoch 63/100
 600/600 [=====] - ETA: 0s - loss: 176.1723 - reconstruction_error: 115.1570 - regularization_error: 61.0153
 [2023-11-22 01:52:22.440461]: Reconstructing images for epoch 63 ...



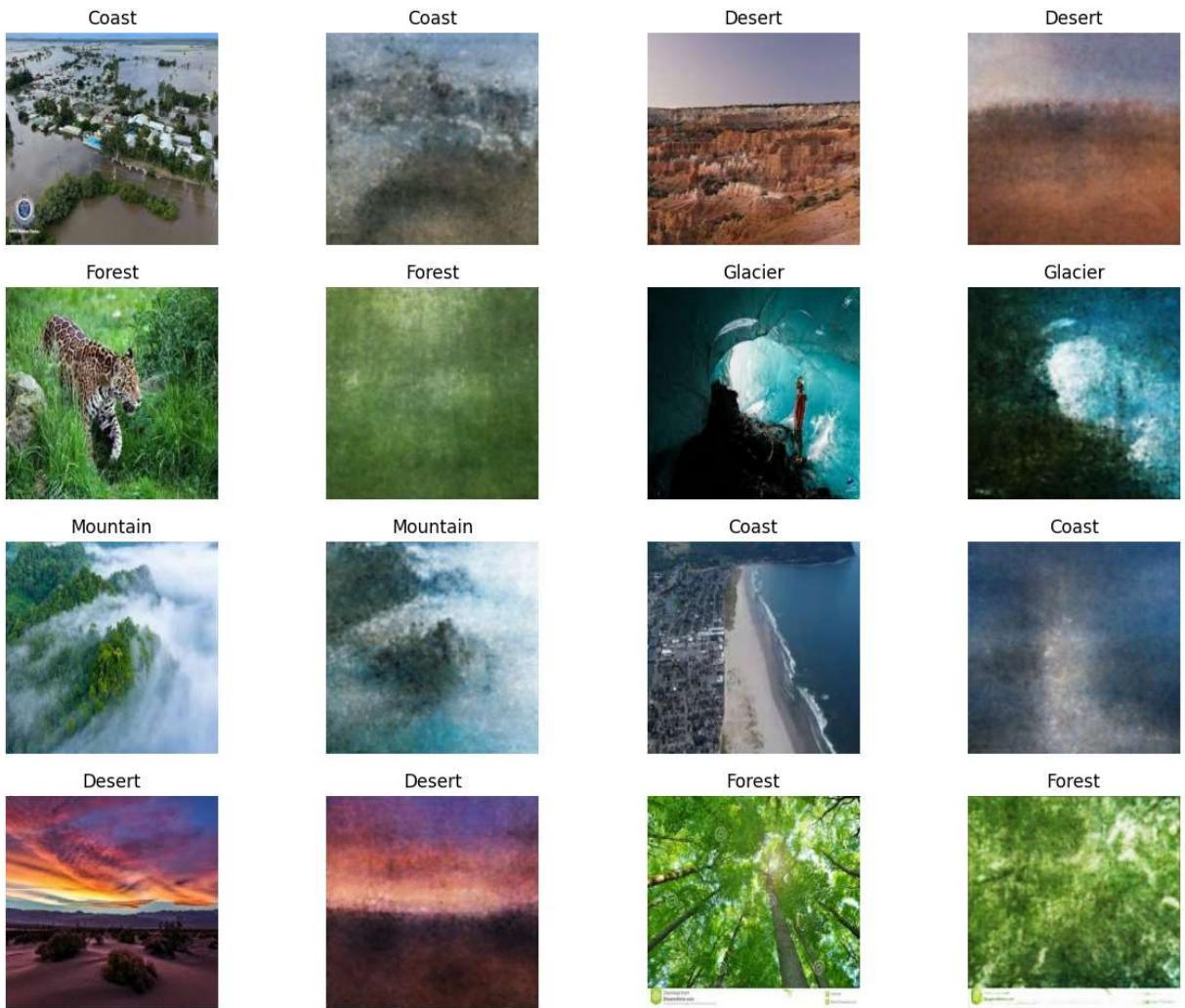
600/600 [=====] - 141s 235ms/step - loss: 176.1723 - reconstruction_error: 115.1570 - regularization_error: 61.0153 - val_loss: 238.5723 - val_reconstruction_error: 180.2785 - val_regularization_error: 58.2938
 Epoch 64/100
 600/600 [=====] - ETA: 0s - loss: 175.7332 - reconstruction_error: 114.5285 - regularization_error: 61.2047
 [2023-11-22 01:54:42.347074]: Reconstructing images for epoch 64 ...



600/600 [=====] - 140s 233ms/step - loss: 175.7332 - reconstruction_error: 114.5285 - regularization_error: 61.2047 - val_loss: 236.0688 - val_reconstruction_error: 180.9780 - val_regularization_error: 55.0907
 Epoch 65/100
 600/600 [=====] - ETA: 0s - loss: 174.9064 - reconstruction_error: 113.8696 - regularization_error: 61.0371
 [2023-11-22 01:57:03.509028]: Reconstructing images for epoch 65 ...



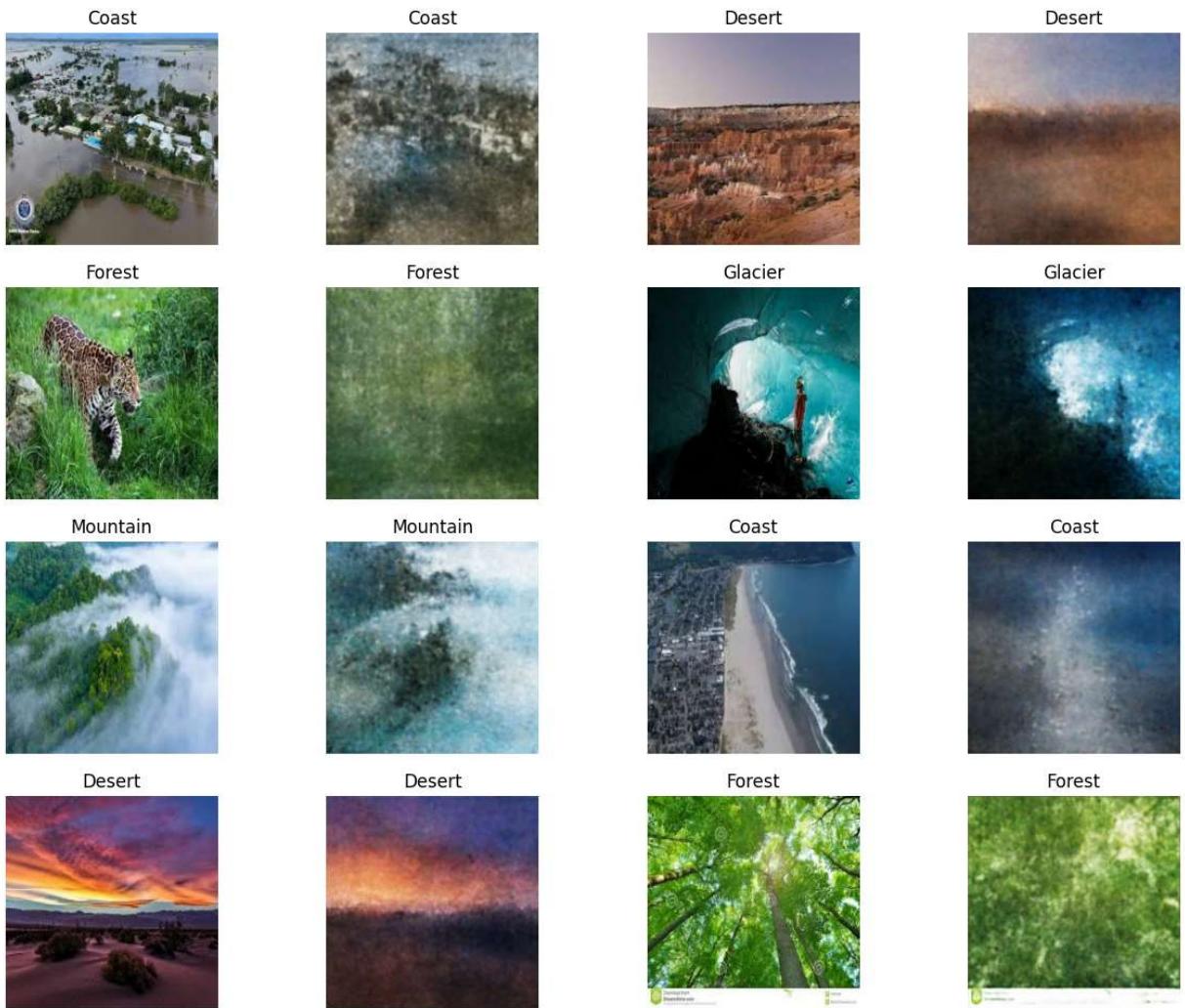
```
600/600 [=====] - 143s 238ms/step - loss: 174.9064 - reconstruction_error: 113.8696 - regularization_error: 61.0371 - val_loss: 239.1630 - val_reconstruction_error: 179.8294 - val_regularization_error: 59.3336
Epoch 66/100
600/600 [=====] - ETA: 0s - loss: 174.8132 - reconstruction_error: 113.5470 - regularization_error: 61.2662
[2023-11-22 01:59:27.047224]: Reconstructing images for epoch 66 ...
```



```

600/600 [=====] - 142s 236ms/step - loss: 174.8132 - reconstruction_error: 113.5470 - regularization_error: 61.2662 - val_loss: 235.0954 - val_reconstruction_error: 178.1870 - val_regularization_error: 56.9084
Epoch 67/100
600/600 [=====] - ETA: 0s - loss: 174.1138 - reconstruction_error: 112.8721 - regularization_error: 61.2416
[2023-11-22 02:01:52.372464]: Reconstructing images for epoch 67 ...

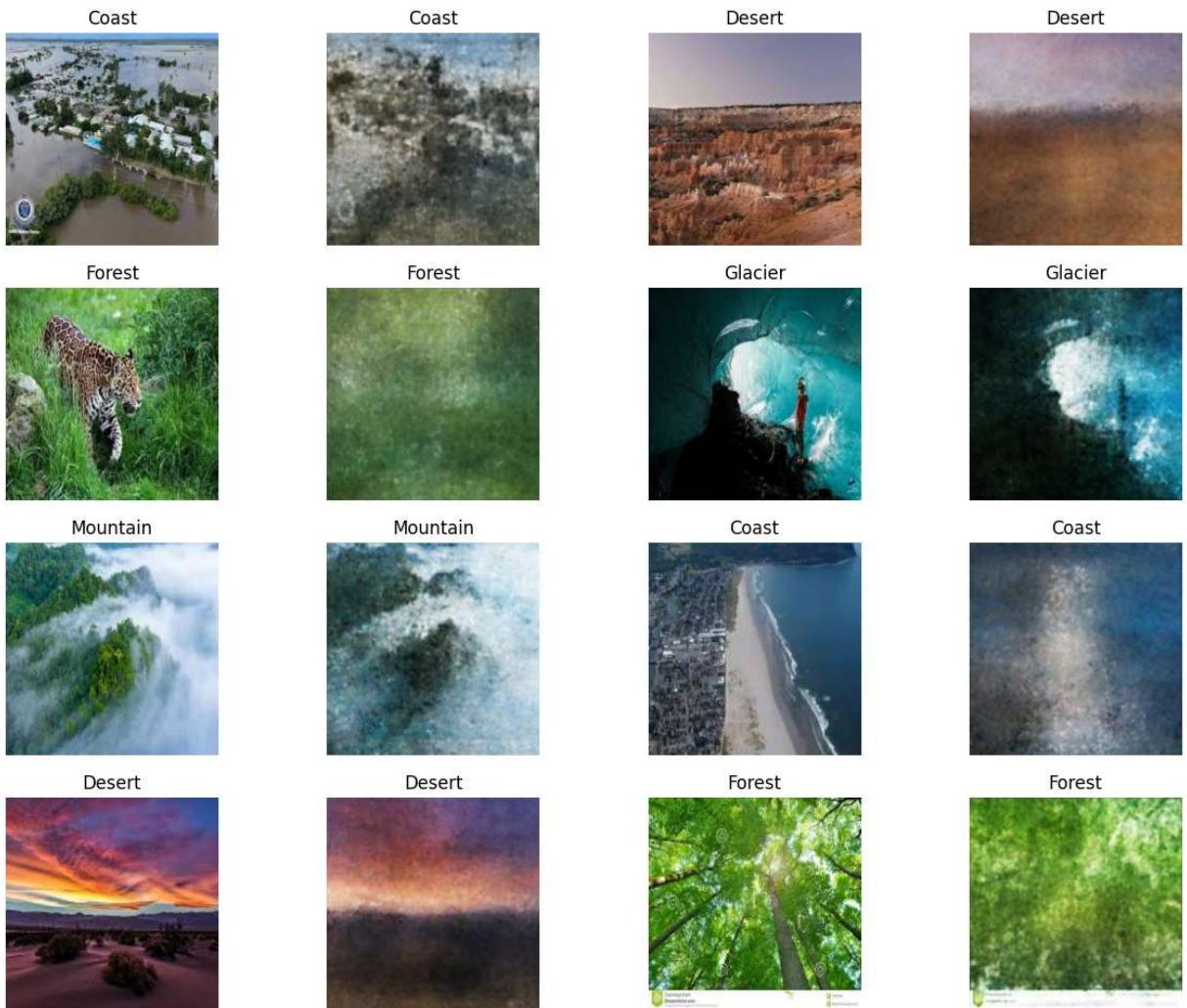
```



```

600/600 [=====] - 145s 242ms/step - loss: 174.1138 - reconstruction_error: 112.8721 - regularization_error: 61.2416 - val_loss: 237.9666 - val_reconstruction_error: 179.5922 - val_regularization_error: 58.3744
Epoch 68/100
600/600 [=====] - ETA: 0s - loss: 173.5381 - reconstruction_error: 112.1672 - regularization_error: 61.3708
[2023-11-22 02:04:19.920079]: Reconstructing images for epoch 68 ...

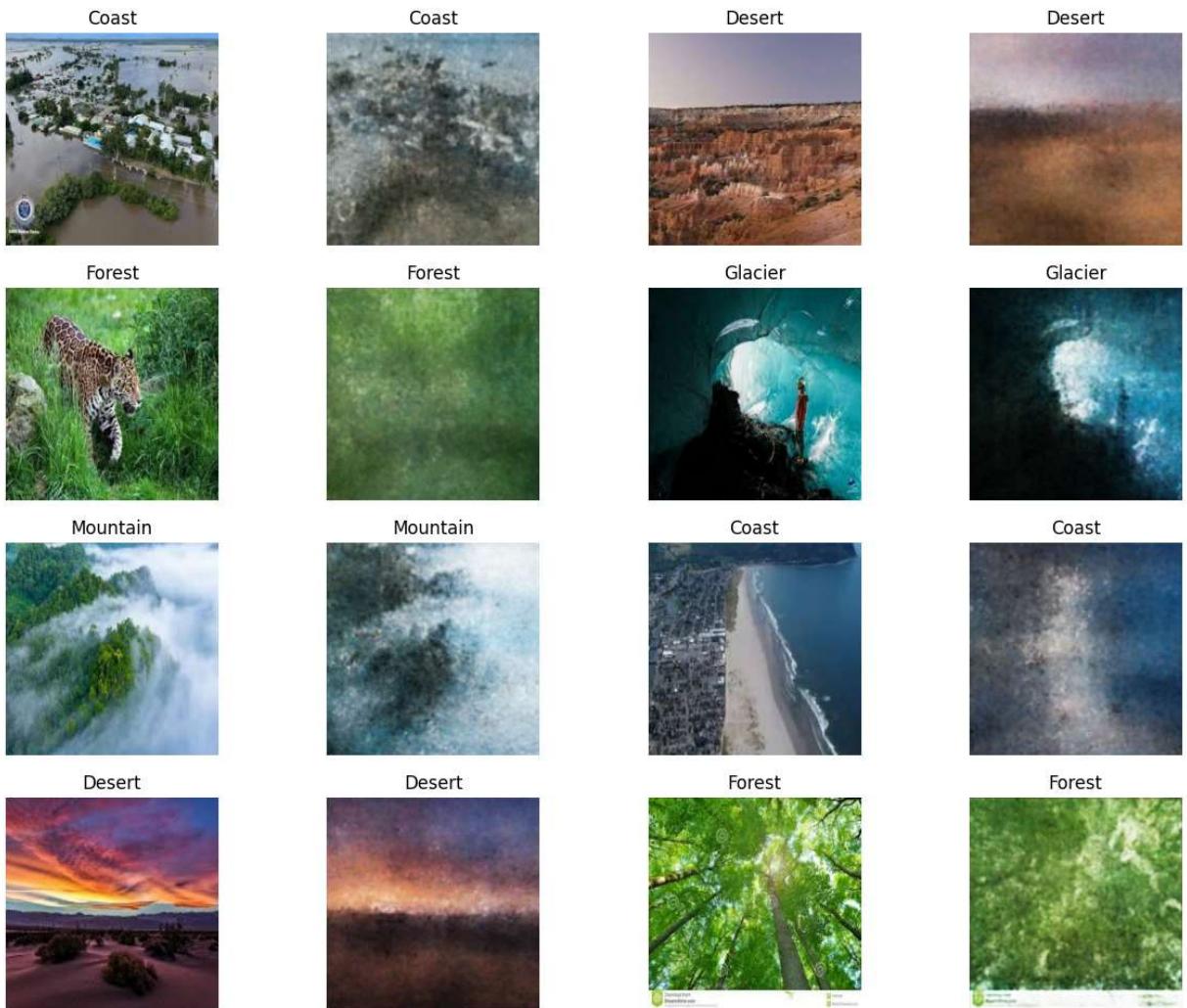
```



```

600/600 [=====] - 148s 246ms/step - loss: 173.5381 - reconstruction_error: 112.1672 - regularization_error: 61.3708 - val_loss: 240.3271 - val_reconstruction_error: 180.4615 - val_regularization_error: 59.8656
Epoch 69/100
600/600 [=====] - ETA: 0s - loss: 173.2612 - reconstruction_error: 111.7814 - regularization_error: 61.4798
[2023-11-22 02:06:54.688529]: Reconstructing images for epoch 69 ...

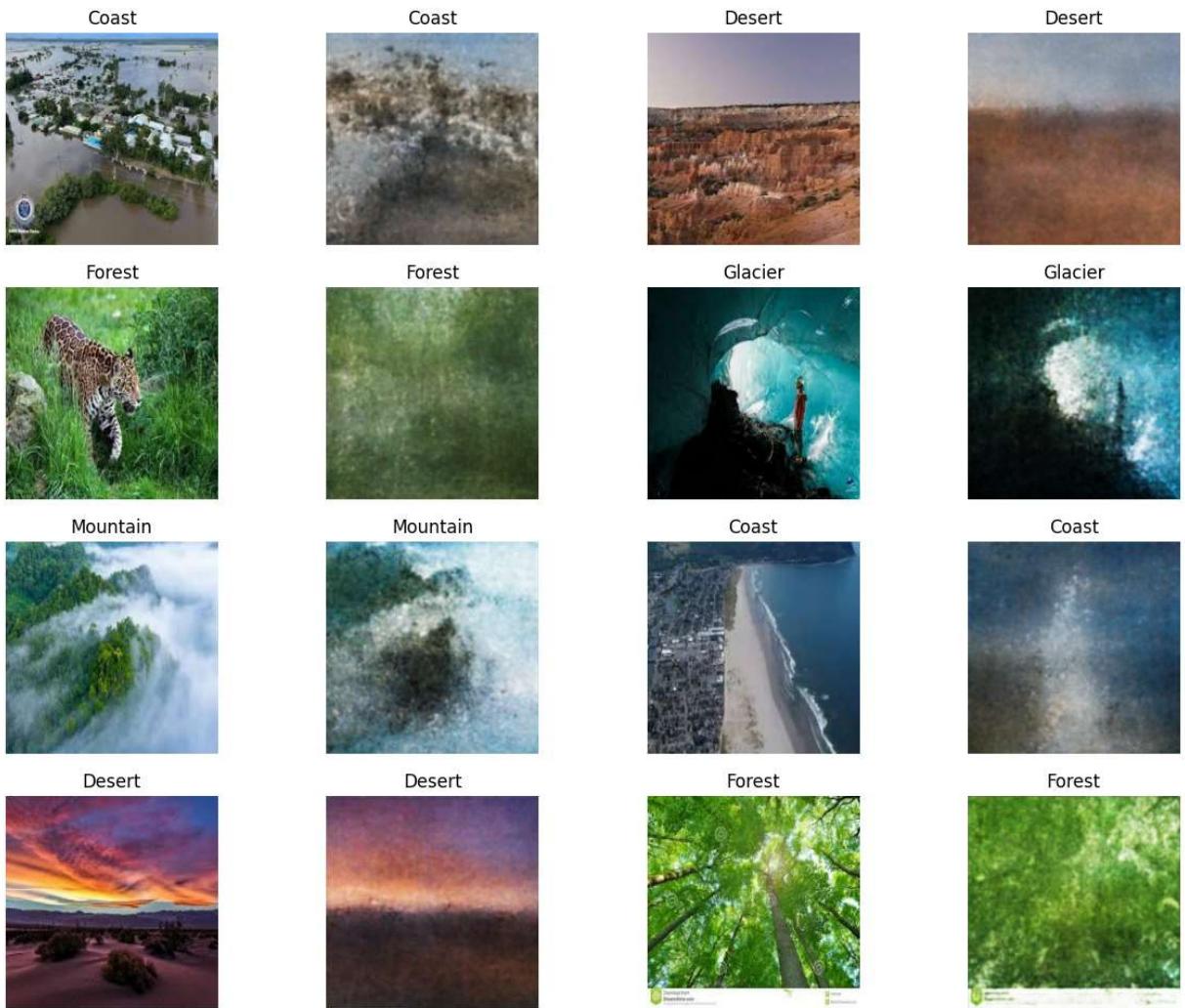
```



```

600/600 [=====] - 155s 258ms/step - loss: 173.2612 - reconstruction_error: 111.7814 - regularization_error: 61.4798 - val_loss: 236.6734 - val_reconstruction_error: 180.1723 - val_regularization_error: 56.5010
Epoch 70/100
600/600 [=====] - ETA: 0s - loss: 172.7605 - reconstruction_error: 111.1847 - regularization_error: 61.5759
[2023-11-22 02:09:21.862304]: Reconstructing images for epoch 70 ...

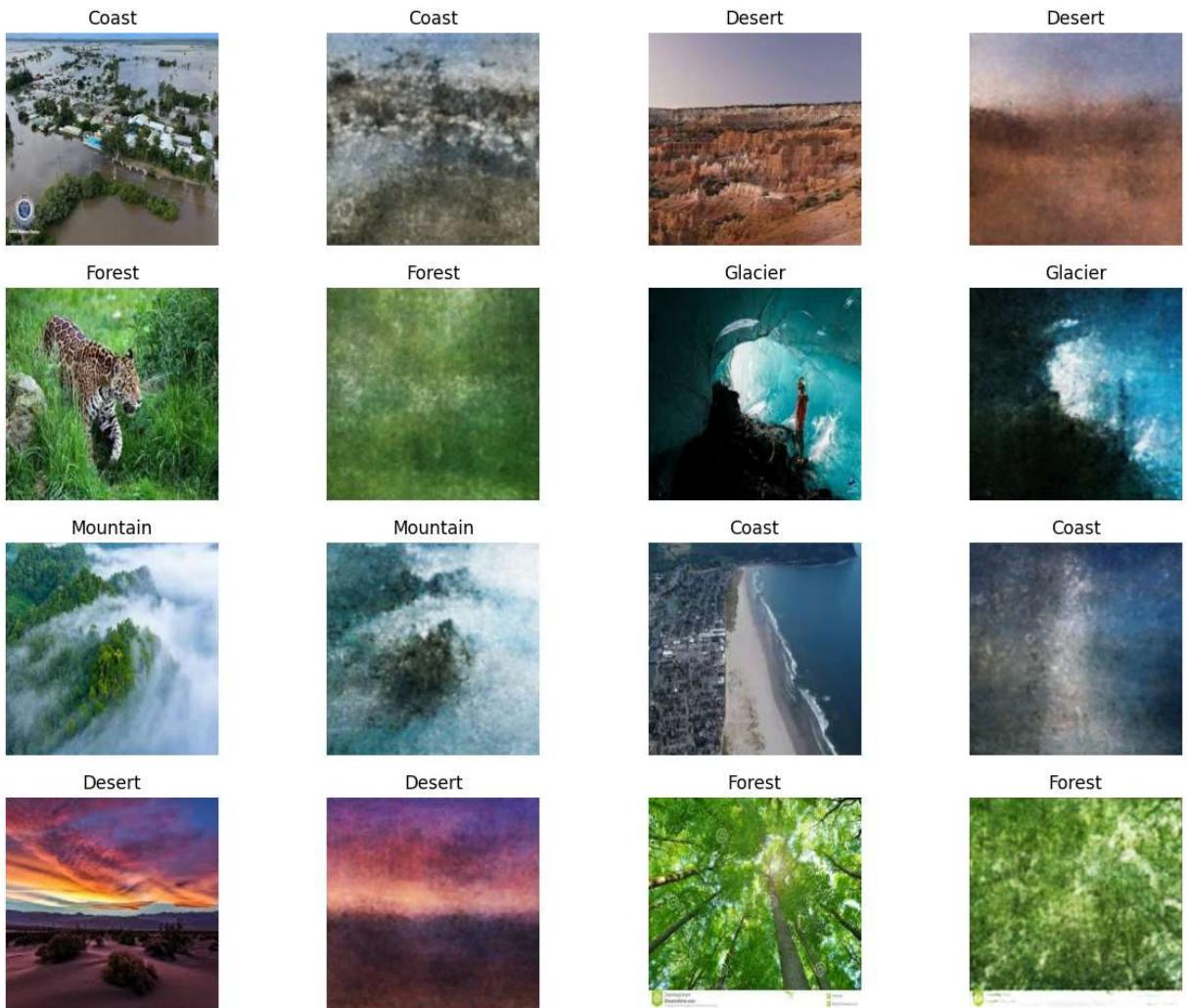
```



```

600/600 [=====] - 147s 245ms/step - loss: 172.7605 - reconstruction_error: 111.1847 - regularization_error: 61.5759 - val_loss: 238.2770 - val_reconstruction_error: 181.5153 - val_regularization_error: 56.7617
Epoch 71/100
600/600 [=====] - ETA: 0s - loss: 172.1739 - reconstruction_error: 110.6590 - regularization_error: 61.5150
[2023-11-22 02:11:40.724543]: Reconstructing images for epoch 71 ...

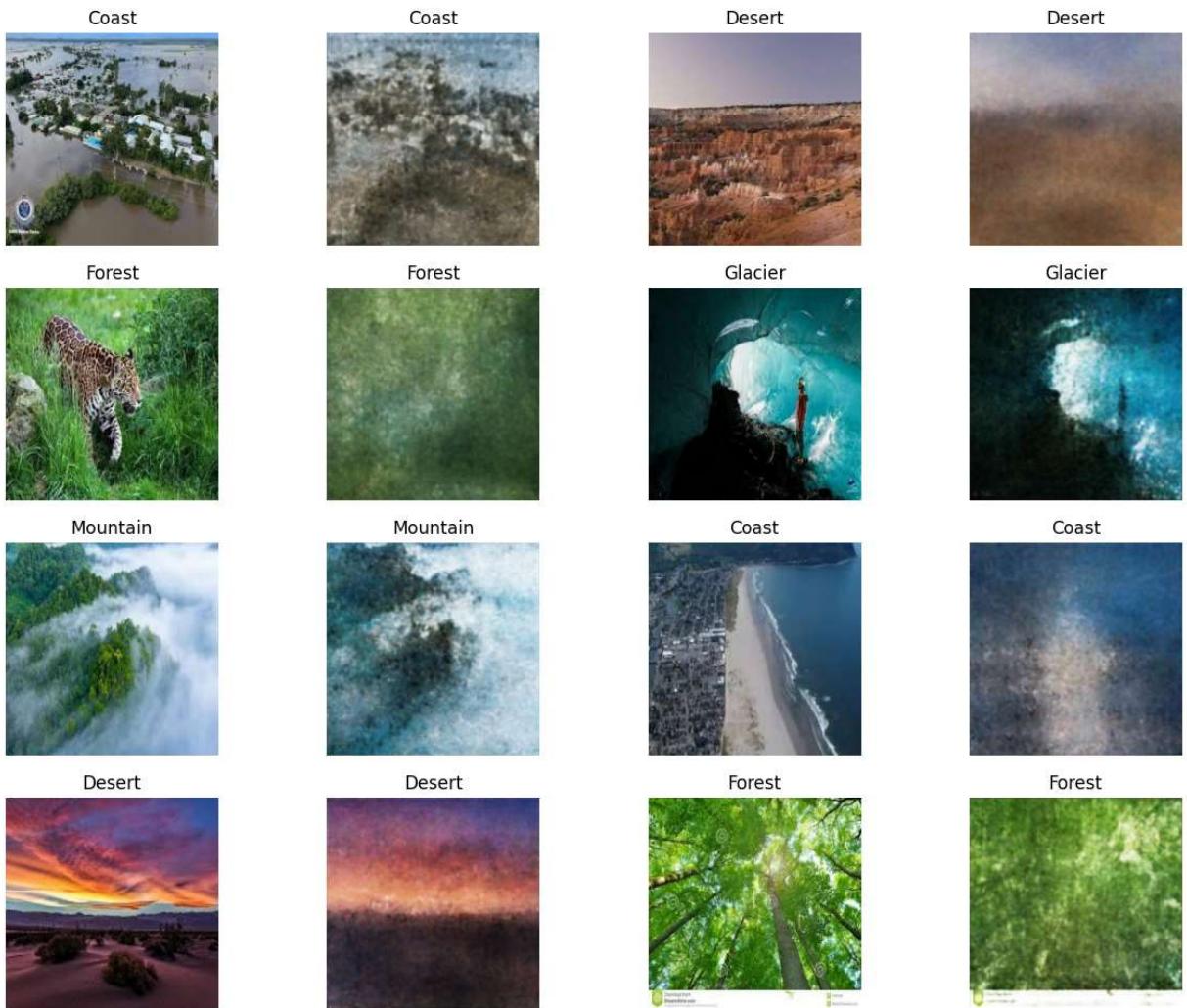
```



```

600/600 [=====] - 139s 231ms/step - loss: 172.1739 - reconstruction_error: 110.6590 - regularization_error: 61.5150 - val_loss: 239.2461 - val_reconstruction_error: 180.1783 - val_regularization_error: 59.0679
Epoch 72/100
600/600 [=====] - ETA: 0s - loss: 171.6443 - reconstruction_error: 110.2108 - regularization_error: 61.4334
[2023-11-22 02:14:00.274538]: Reconstructing images for epoch 72 ...

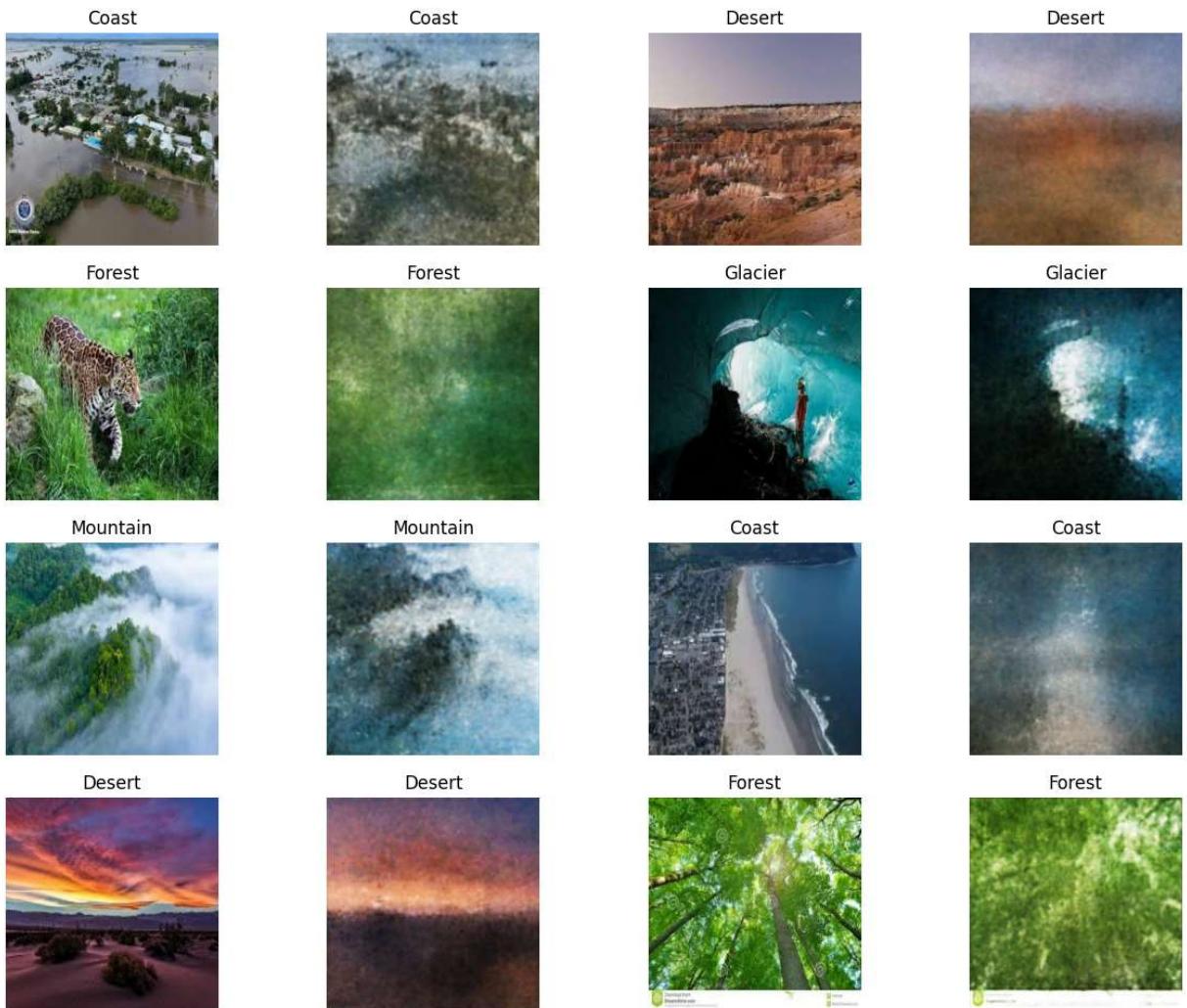
```



```

600/600 [=====] - 140s 233ms/step - loss: 171.6443 - reconstruction_error: 110.2108 - regularization_error: 61.4334 - val_loss: 238.4474 - val_reconstruction_error: 179.5943 - val_regularization_error: 58.8531
Epoch 73/100
600/600 [=====] - ETA: 0s - loss: 171.4113 - reconstruction_error: 109.8256 - regularization_error: 61.5859
[2023-11-22 02:16:16.087870]: Reconstructing images for epoch 73 ...

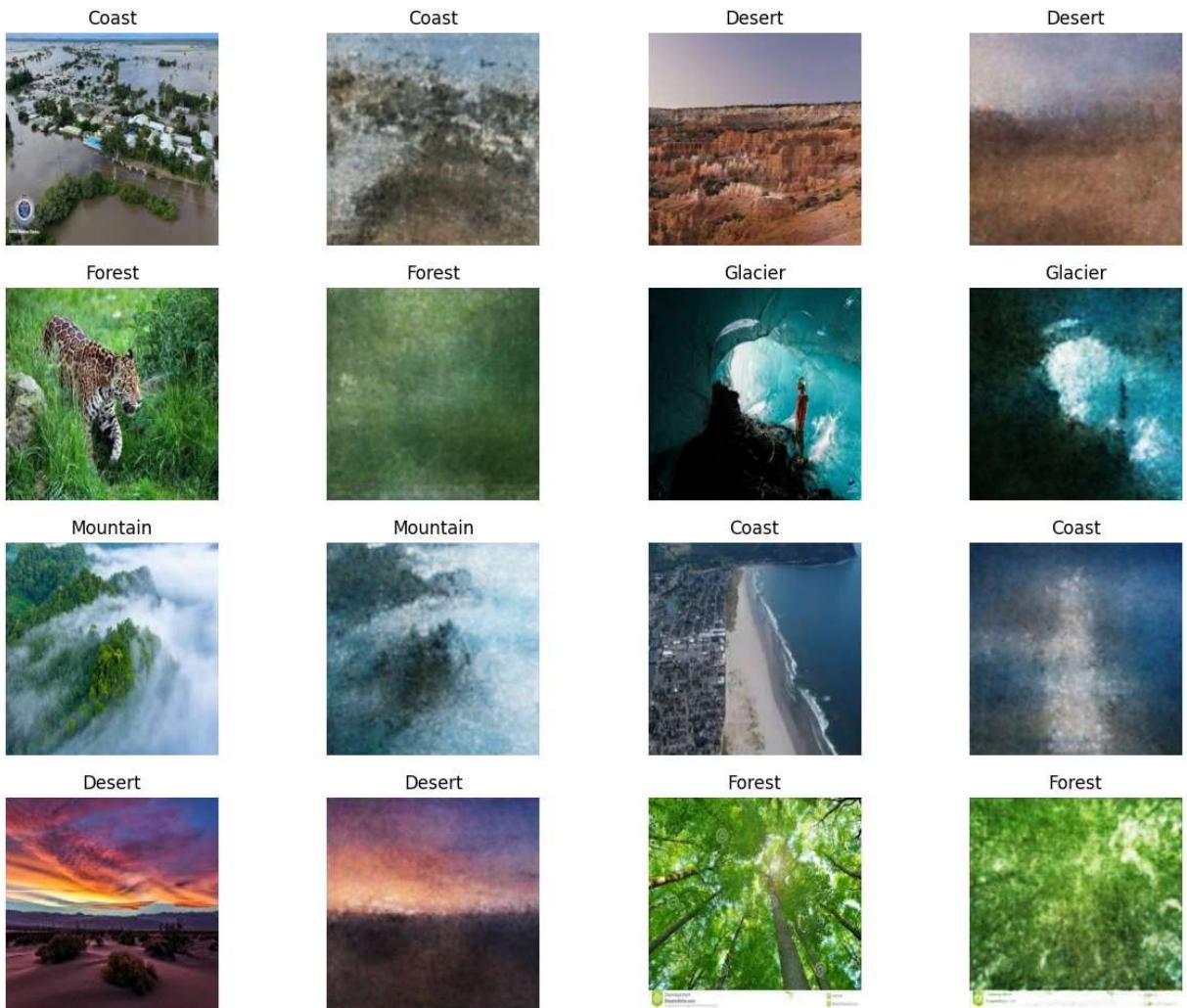
```



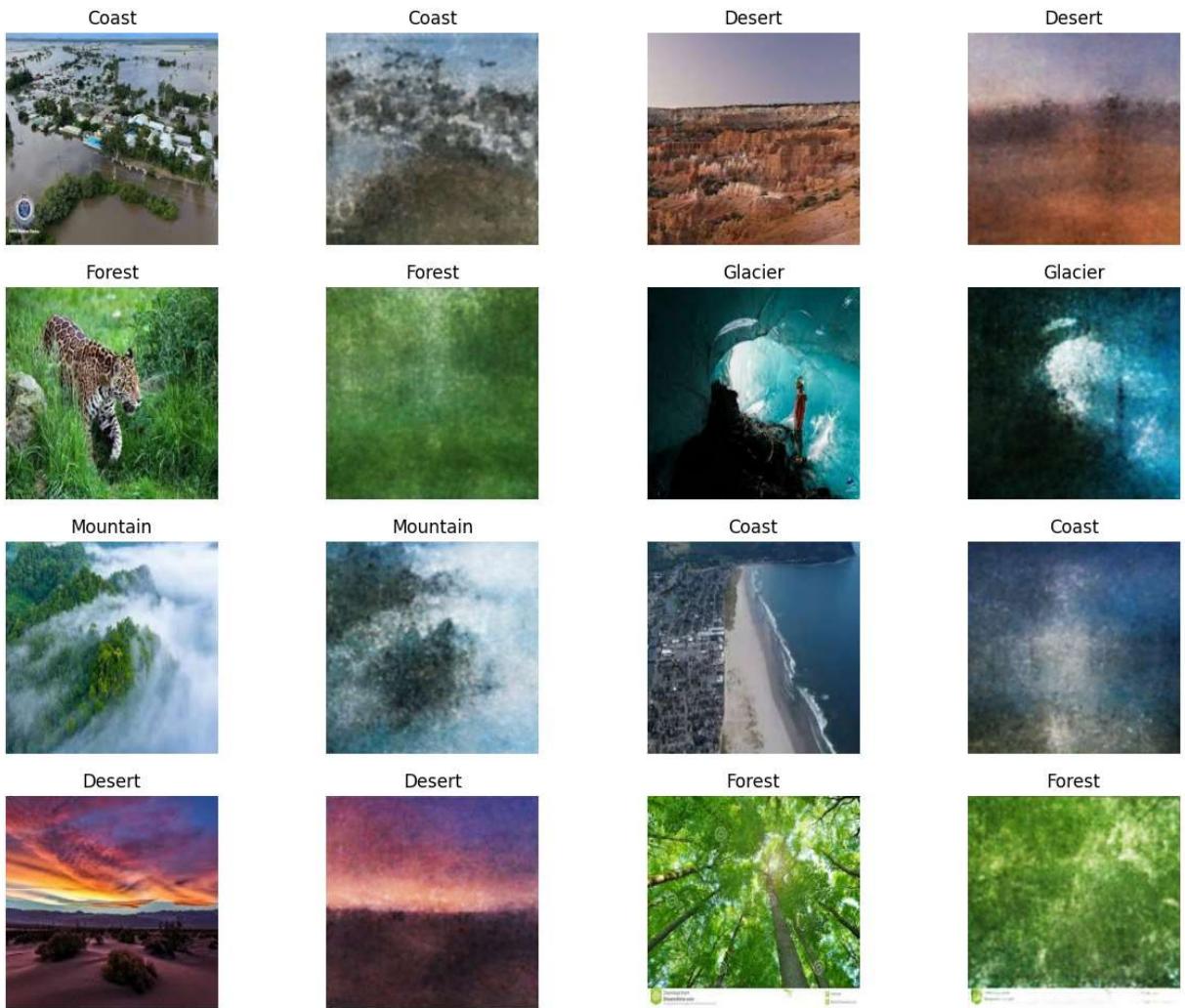
```

600/600 [=====] - 135s 225ms/step - loss: 171.4113 - reconstruction_error: 109.8256 - regularization_error: 61.5859 - val_loss: 238.6523 - val_reconstruction_error: 179.6208 - val_regularization_error: 59.0316
Epoch 74/100
600/600 [=====] - ETA: 0s - loss: 170.7560 - reconstruction_error: 109.2098 - regularization_error: 61.5462
[2023-11-22 02:18:41.512505]: Reconstructing images for epoch 74 ...

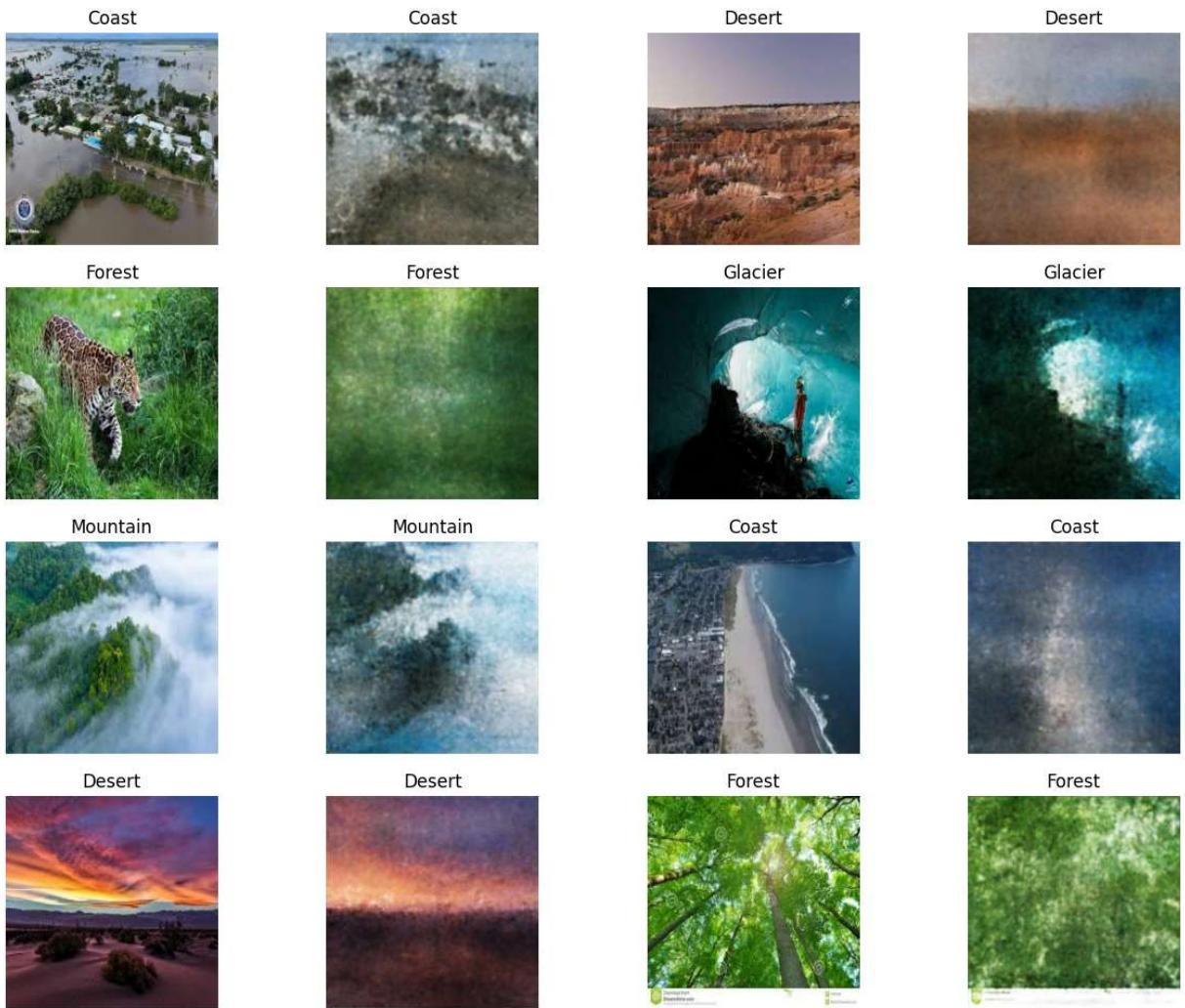
```



```
600/600 [=====] - 145s 242ms/step - loss: 170.7560 - reconstruction_error: 109.2098 - regularization_error: 61.5462 - val_loss: 239.4109 - val_reconstruction_error: 180.4036 - val_regularization_error: 59.0074
Epoch 75/100
600/600 [=====] - ETA: 0s - loss: 170.7026 - reconstruction_error: 108.9637 - regularization_error: 61.7387
[2023-11-22 02:21:05.888737]: Reconstructing images for epoch 75 ...
```



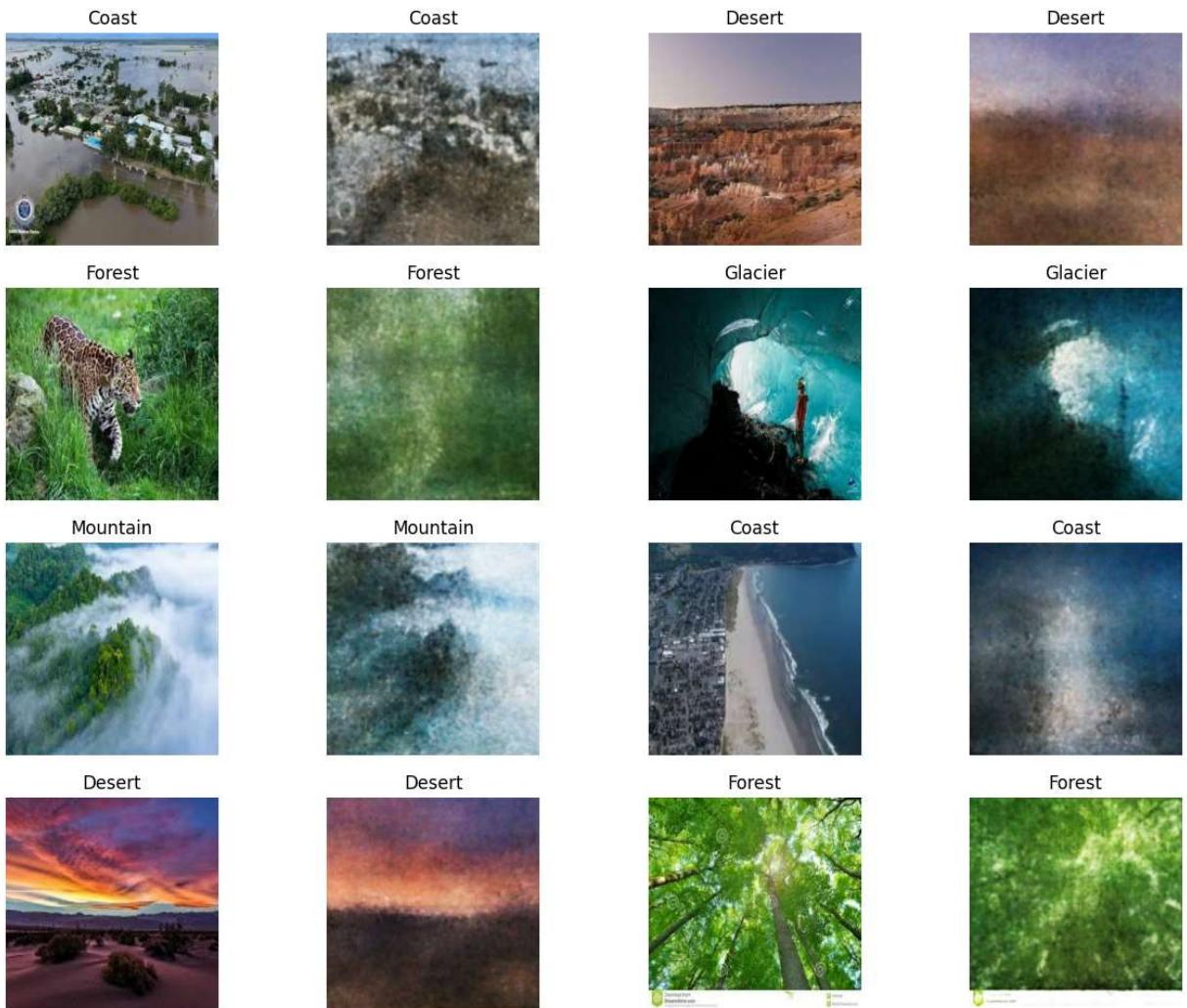
600/600 [=====] - 145s 240ms/step - loss: 170.7026 - reconstruction_error: 108.9637 - regularization_error: 61.7387 - val_loss: 239.8615 - val_reconstruction_error: 181.4986 - val_regularization_error: 58.3628
 Epoch 76/100
 600/600 [=====] - ETA: 0s - loss: 170.2838 - reconstruction_error: 108.4709 - regularization_error: 61.8128
 [2023-11-22 02:23:25.673468]: Reconstructing images for epoch 76 ...



```

600/600 [=====] - 140s 233ms/step - loss: 170.2838 - reconstruction_error: 108.4709 - regularization_error: 61.8128 - val_loss: 236.7215 - val_reconstruction_error: 180.7849 - val_regularization_error: 55.9366
Epoch 77/100
600/600 [=====] - ETA: 0s - loss: 169.7561 - reconstruction_error: 107.9451 - regularization_error: 61.8109
[2023-11-22 02:25:42.431831]: Reconstructing images for epoch 77 ...

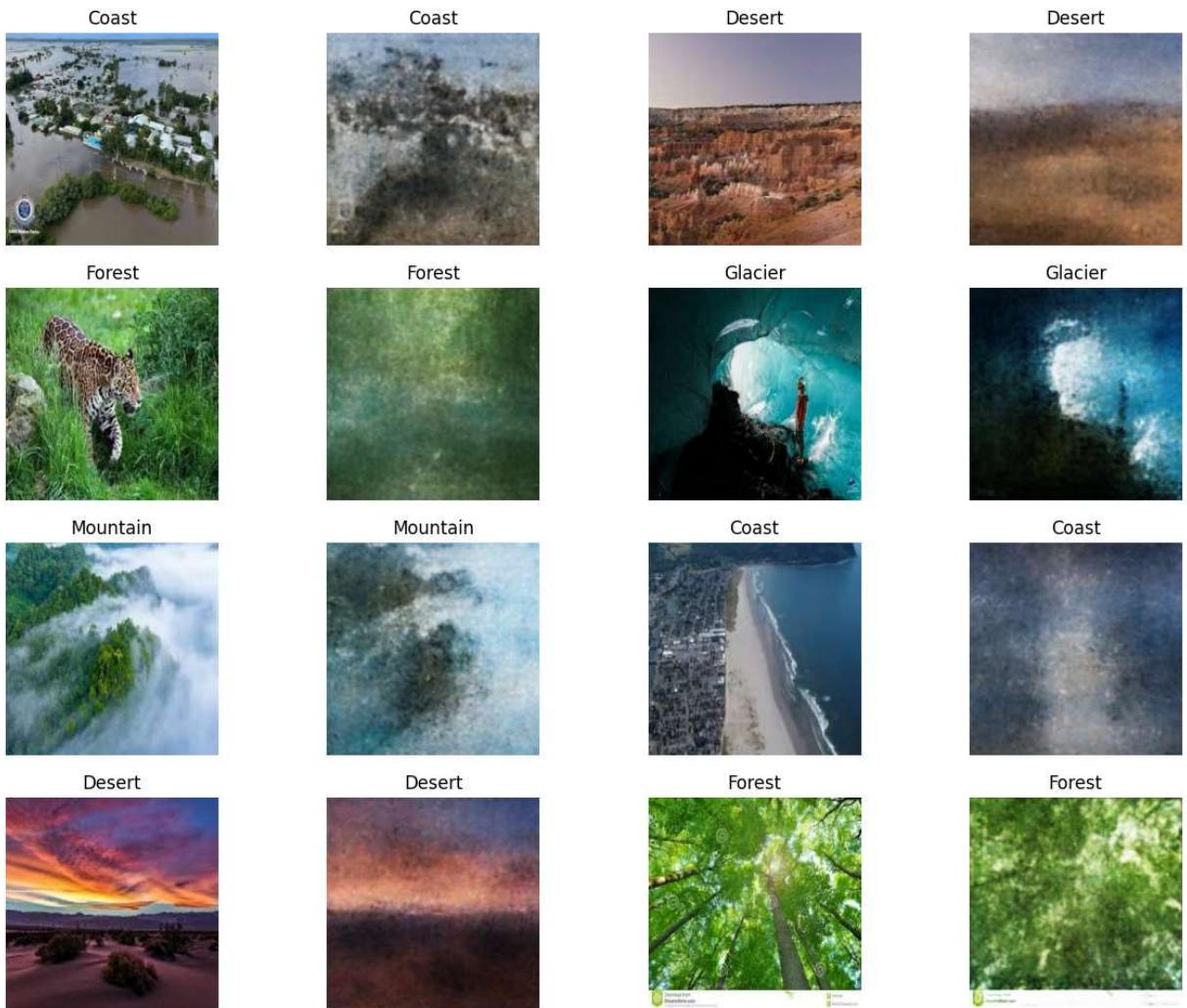
```



```

600/600 [=====] - 137s 228ms/step - loss: 169.7561 - reconstruction_error: 107.9451 - regularization_error: 61.8109 - val_loss: 238.9518 - val_reconstruction_error: 180.8027 - val_regularization_error: 58.1490
Epoch 78/100
600/600 [=====] - ETA: 0s - loss: 169.3832 - reconstruction_error: 107.5730 - regularization_error: 61.8101
[2023-11-22 02:28:13.362516]: Reconstructing images for epoch 78 ...

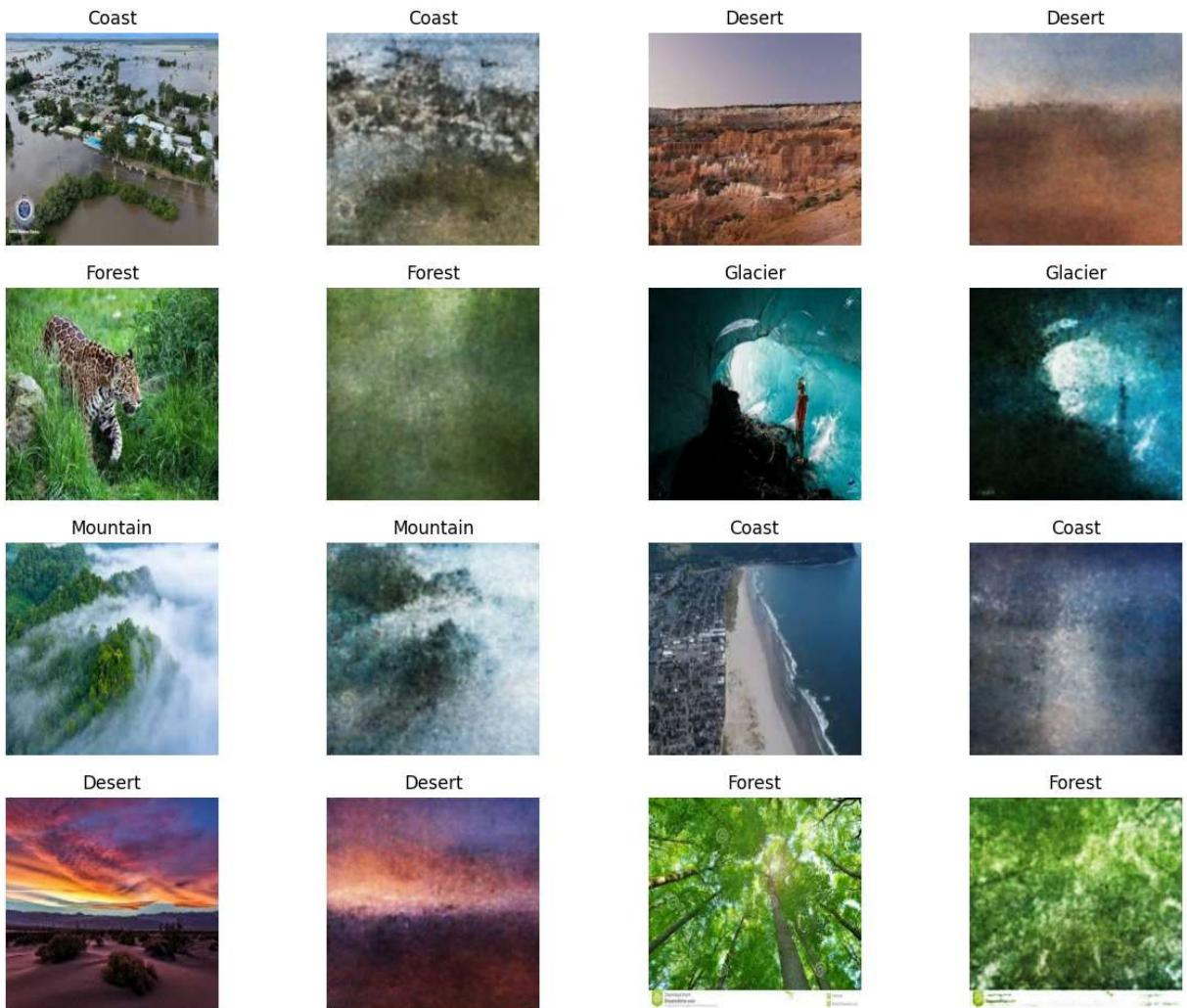
```



```

600/600 [=====] - 150s 250ms/step - loss: 169.3832 - reconstruction_error: 107.5730 - regularization_error: 61.8101 - val_loss: 238.9305 - val_reconstruction_error: 181.4945 - val_regularization_error: 57.4360
Epoch 79/100
600/600 [=====] - ETA: 0s - loss: 169.0063 - reconstruction_error: 107.0422 - regularization_error: 61.9642
[2023-11-22 02:30:38.819247]: Reconstructing images for epoch 79 ...

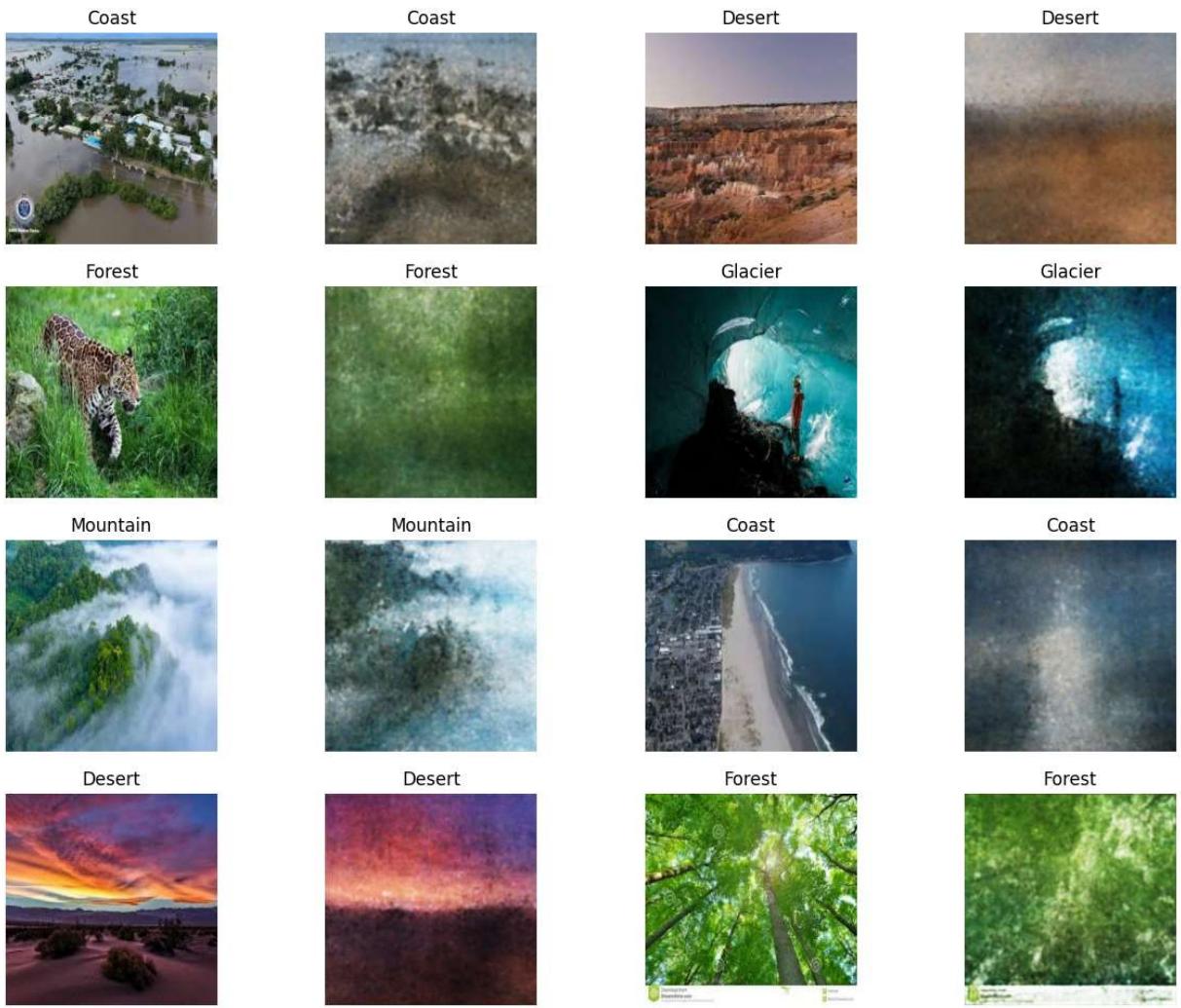
```



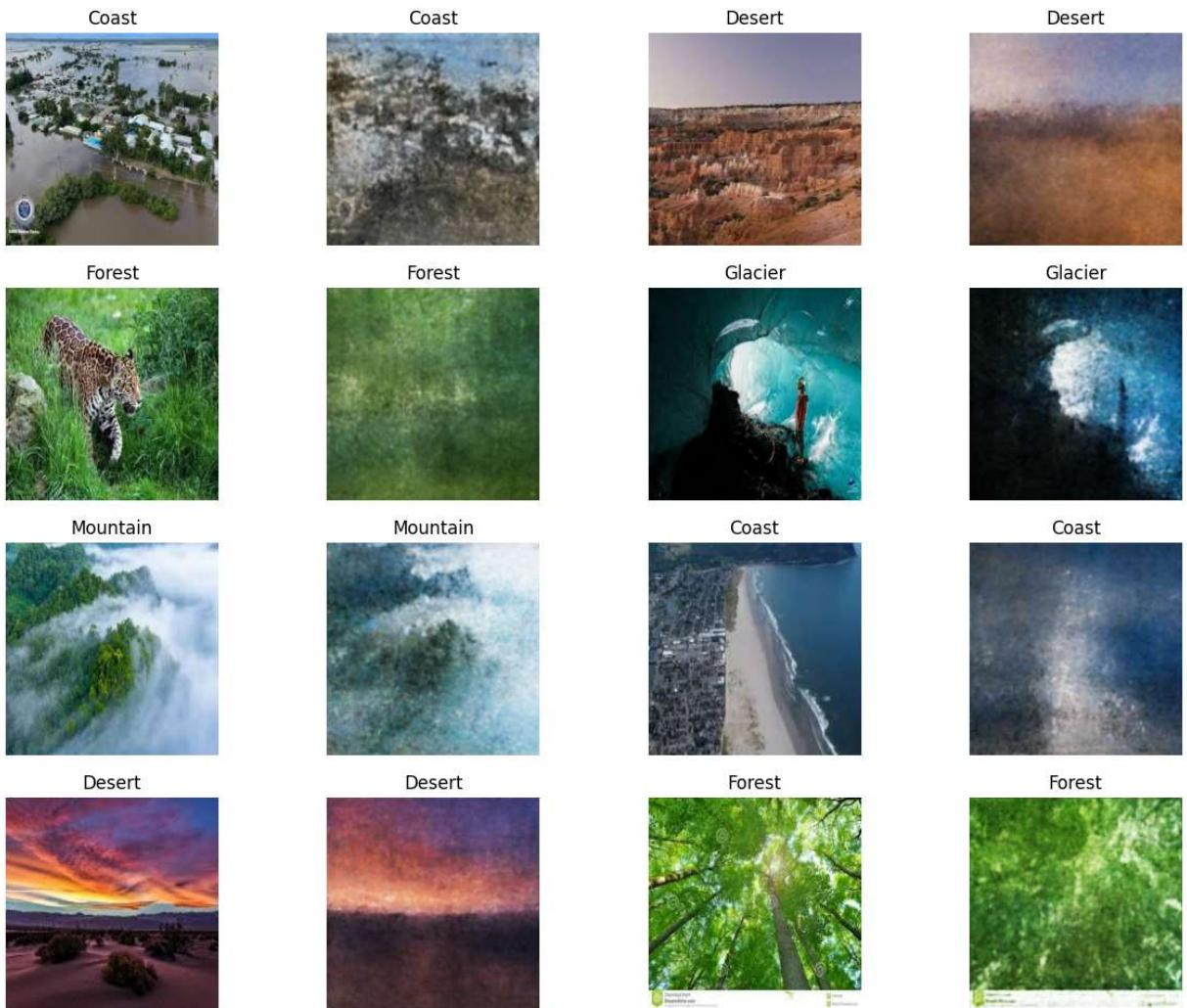
```

600/600 [=====] - 145s 241ms/step - loss: 169.0063 - reconstruction_error: 107.0422 - regularization_error: 61.9642 - val_loss: 241.2356 - val_reconstruction_error: 183.1916 - val_regularization_error: 58.0440
Epoch 80/100
600/600 [=====] - ETA: 0s - loss: 168.5643 - reconstruction_error: 106.6289 - regularization_error: 61.9354
[2023-11-22 02:32:55.478033]: Reconstructing images for epoch 80 ...

```



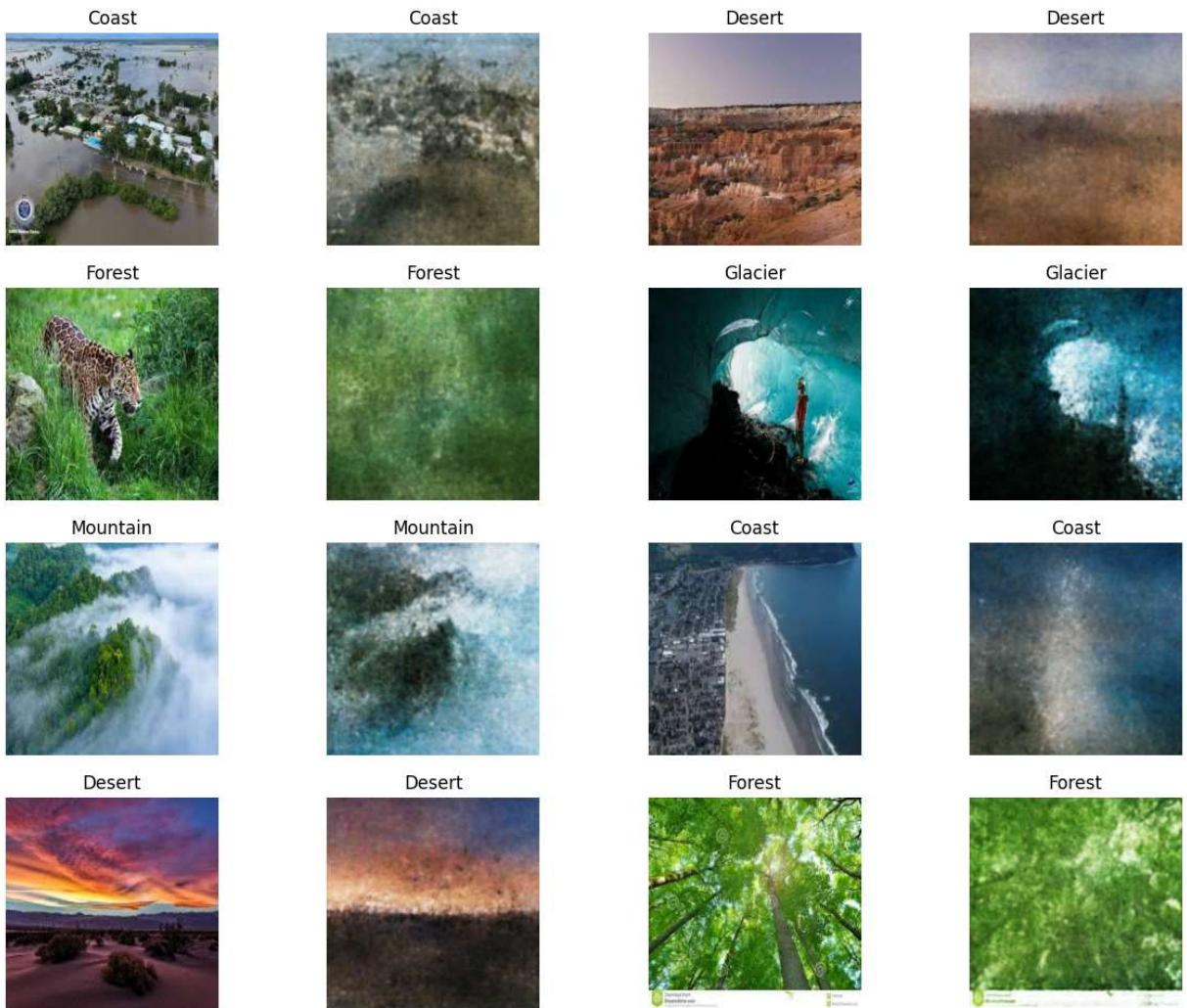
600/600 [=====] - 137s 229ms/step - loss: 168.5643 - reconstruction_error: 106.6289 - regularization_error: 61.9354 - val_loss: 240.2403 - val_reconstruction_error: 182.7529 - val_regularization_error: 57.4873
 Epoch 81/100
 600/600 [=====] - ETA: 0s - loss: 168.3504 - reconstruction_error: 106.3012 - regularization_error: 62.0491
 [2023-11-22 02:35:14.894855]: Reconstructing images for epoch 81 ...



```

600/600 [=====] - 139s 231ms/step - loss: 168.3504 - reconstruction_error: 106.3012 - regularization_error: 62.0491 - val_loss: 238.0370 - val_reconstruction_error: 180.4994 - val_regularization_error: 57.5377
Epoch 82/100
600/600 [=====] - ETA: 0s - loss: 167.8916 - reconstruction_error: 105.8465 - regularization_error: 62.0452
[2023-11-22 02:37:30.107217]: Reconstructing images for epoch 82 ...

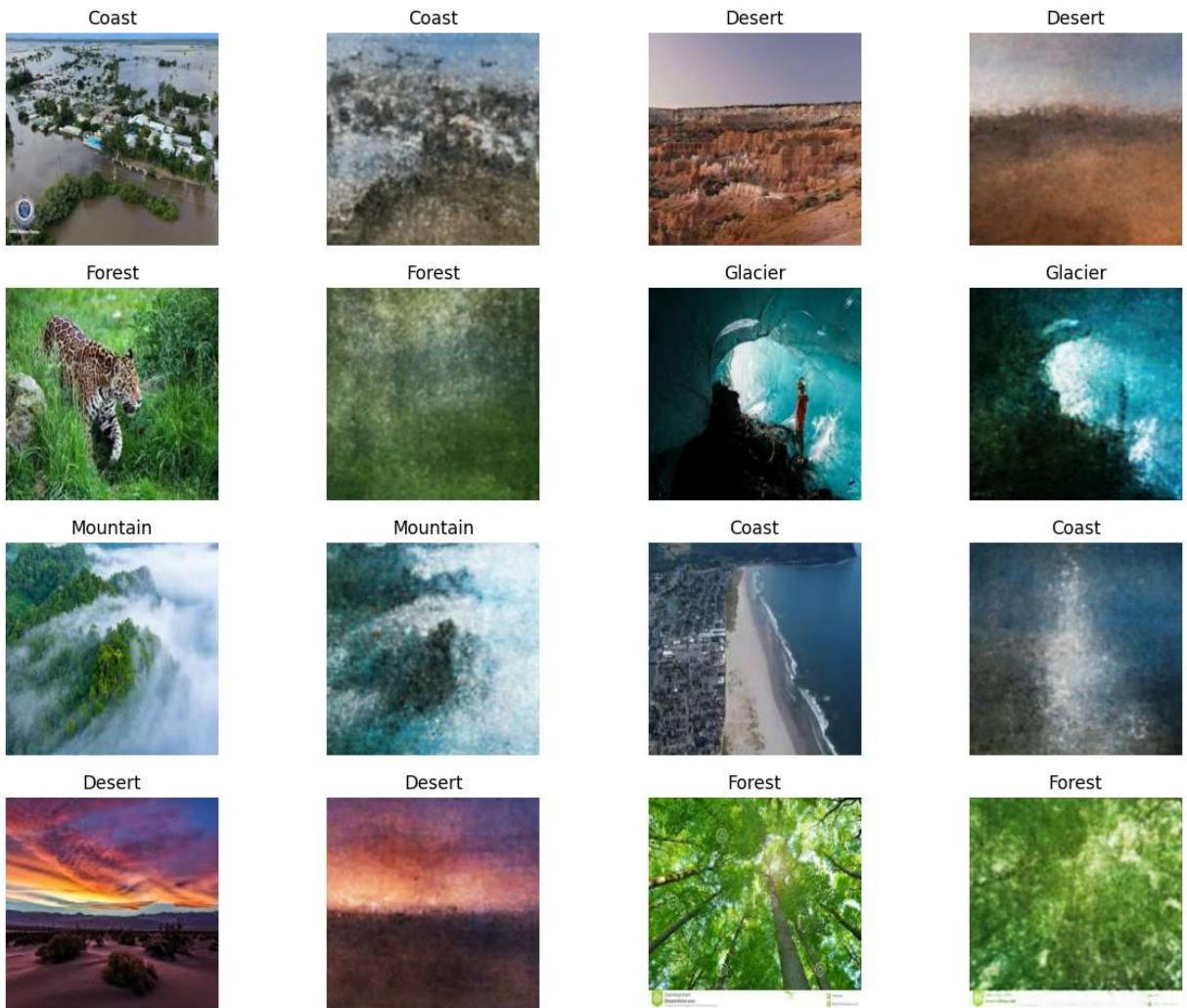
```



```

600/600 [=====] - 135s 226ms/step - loss: 167.8916 - reconstruction_error: 105.8465 - regularization_error: 62.0452 - val_loss: 241.3271 - val_reconstruction_error: 183.4359 - val_regularization_error: 57.8912
Epoch 83/100
600/600 [=====] - ETA: 0s - loss: 167.7441 - reconstruction_error: 105.6879 - regularization_error: 62.0563
[2023-11-22 02:39:46.306032]: Reconstructing images for epoch 83 ...

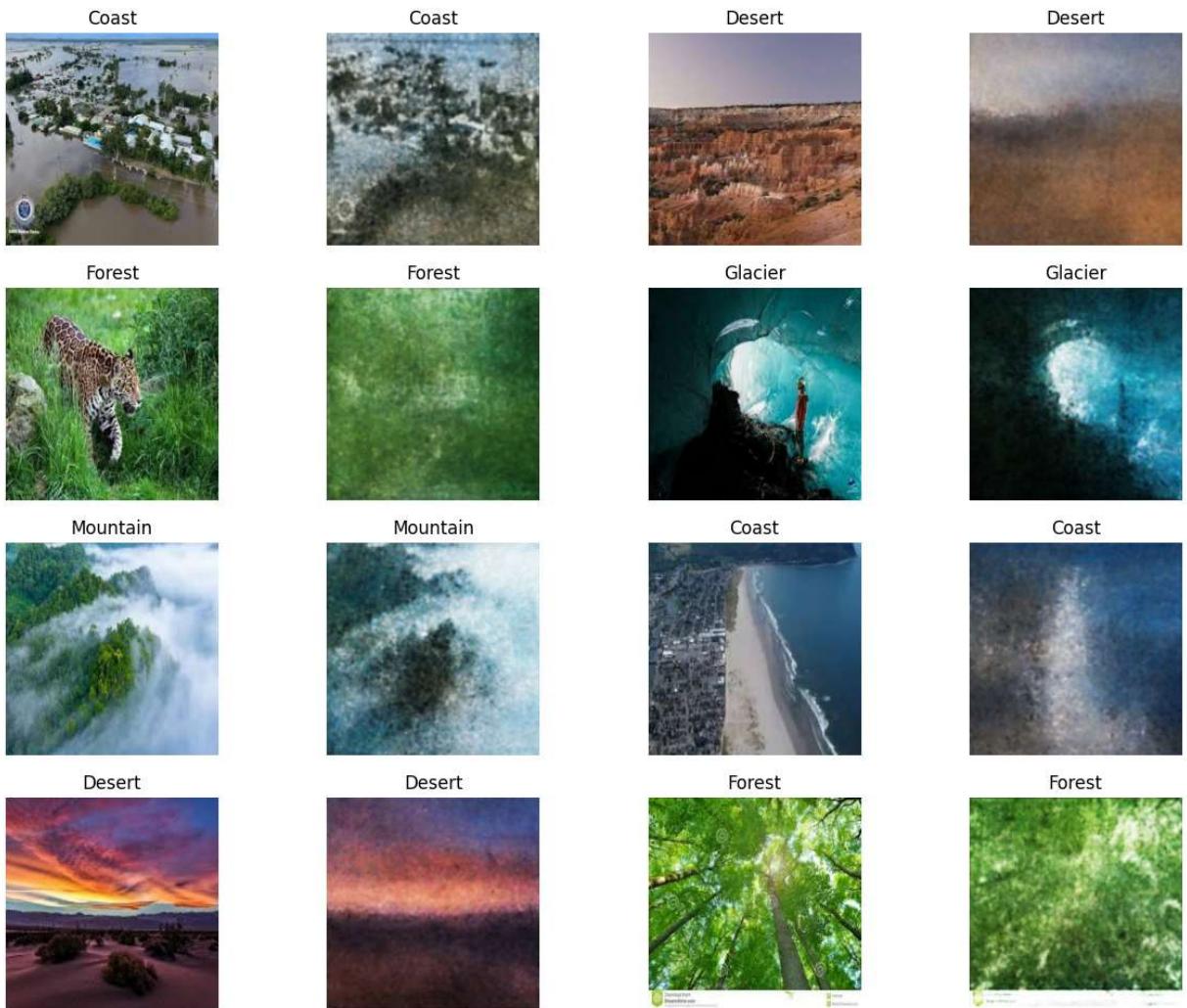
```



```

600/600 [=====] - 136s 227ms/step - loss: 167.7441 - reconstruction_error: 105.6879 - regularization_error: 62.0563 - val_loss: 240.9815 - val_reconstruction_error: 181.9339 - val_regularization_error: 59.0476
Epoch 84/100
600/600 [=====] - ETA: 0s - loss: 167.2419 - reconstruction_error: 105.1032 - regularization_error: 62.1387
[2023-11-22 02:42:08.043942]: Reconstructing images for epoch 84 ...

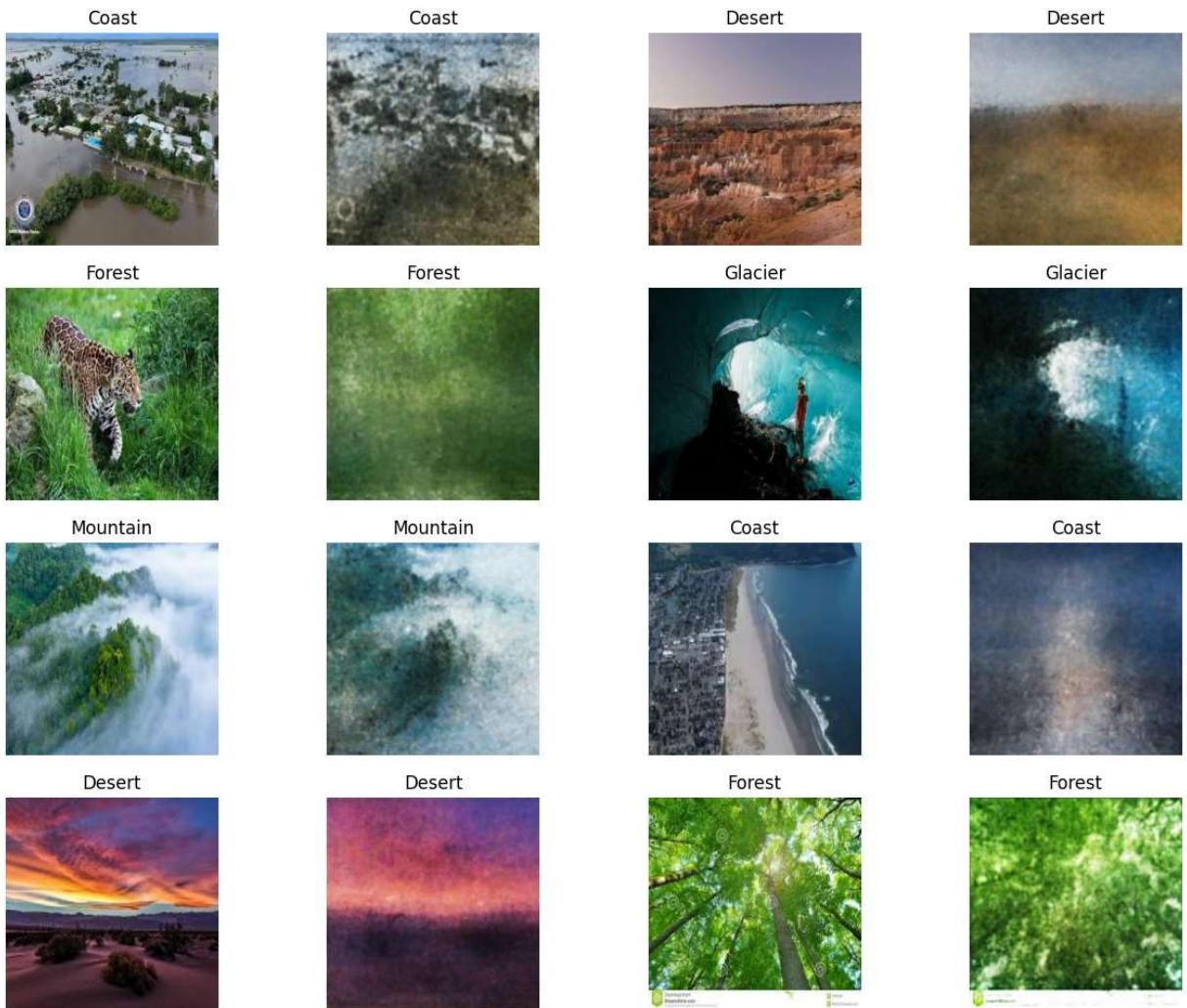
```



```

600/600 [=====] - 142s 236ms/step - loss: 167.2419 - reconstruction_error: 105.1032 - regularization_error: 62.1387 - val_loss: 241.6012 - val_reconstruction_error: 181.9289 - val_regularization_error: 59.6722
Epoch 85/100
600/600 [=====] - ETA: 0s - loss: 166.8941 - reconstruction_error: 104.6856 - regularization_error: 62.2083
[2023-11-22 02:44:25.741949]: Reconstructing images for epoch 85 ...

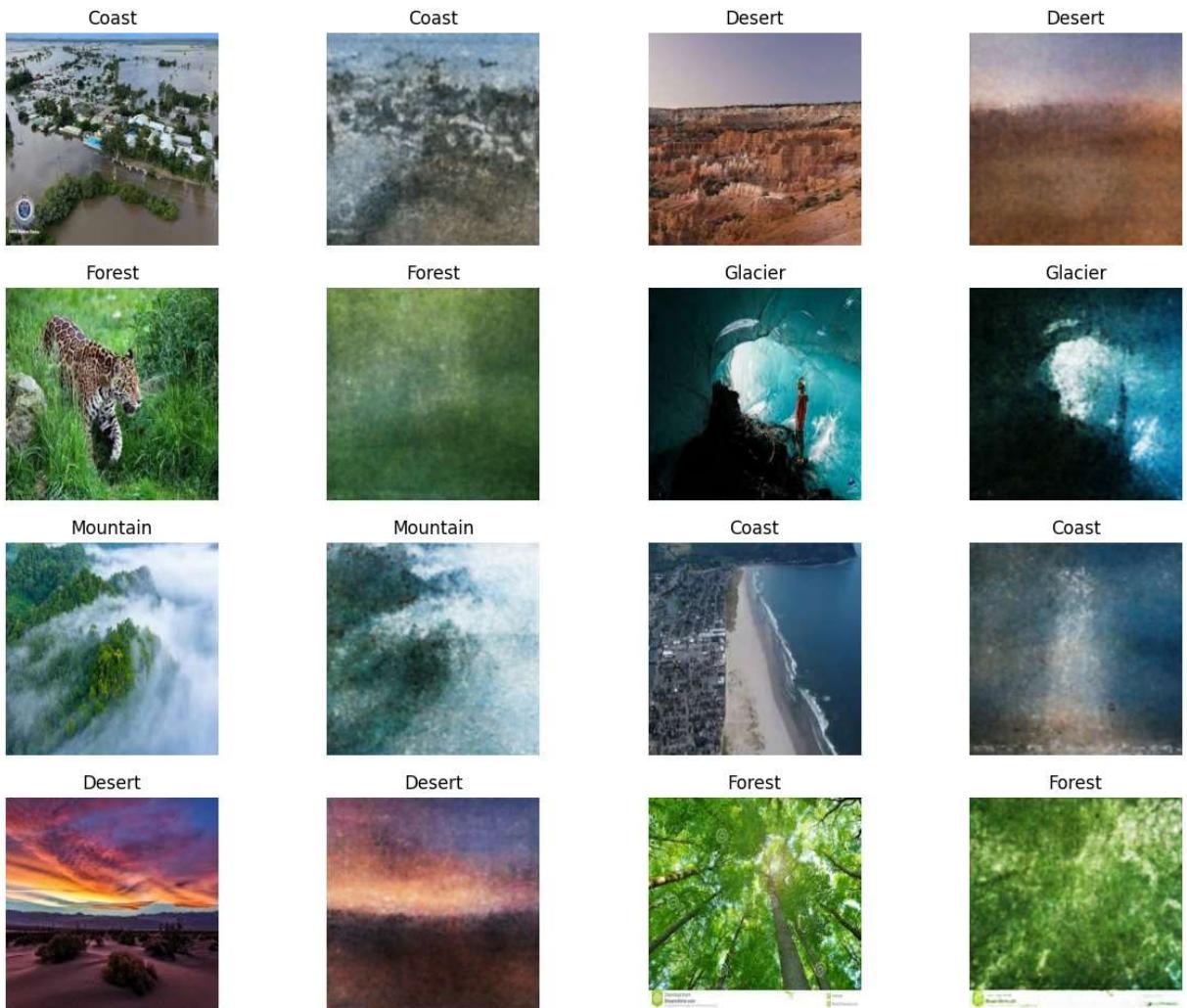
```



```

600/600 [=====] - 138s 230ms/step - loss: 166.8941 - reconstruction_error: 104.6856 - regularization_error: 62.2083 - val_loss: 240.7444 - val_reconstruction_error: 182.7323 - val_regularization_error: 58.0121
Epoch 86/100
600/600 [=====] - ETA: 0s - loss: 166.5088 - reconstruction_error: 104.3326 - regularization_error: 62.1761
[2023-11-22 02:46:37.083114]: Reconstructing images for epoch 86 ...

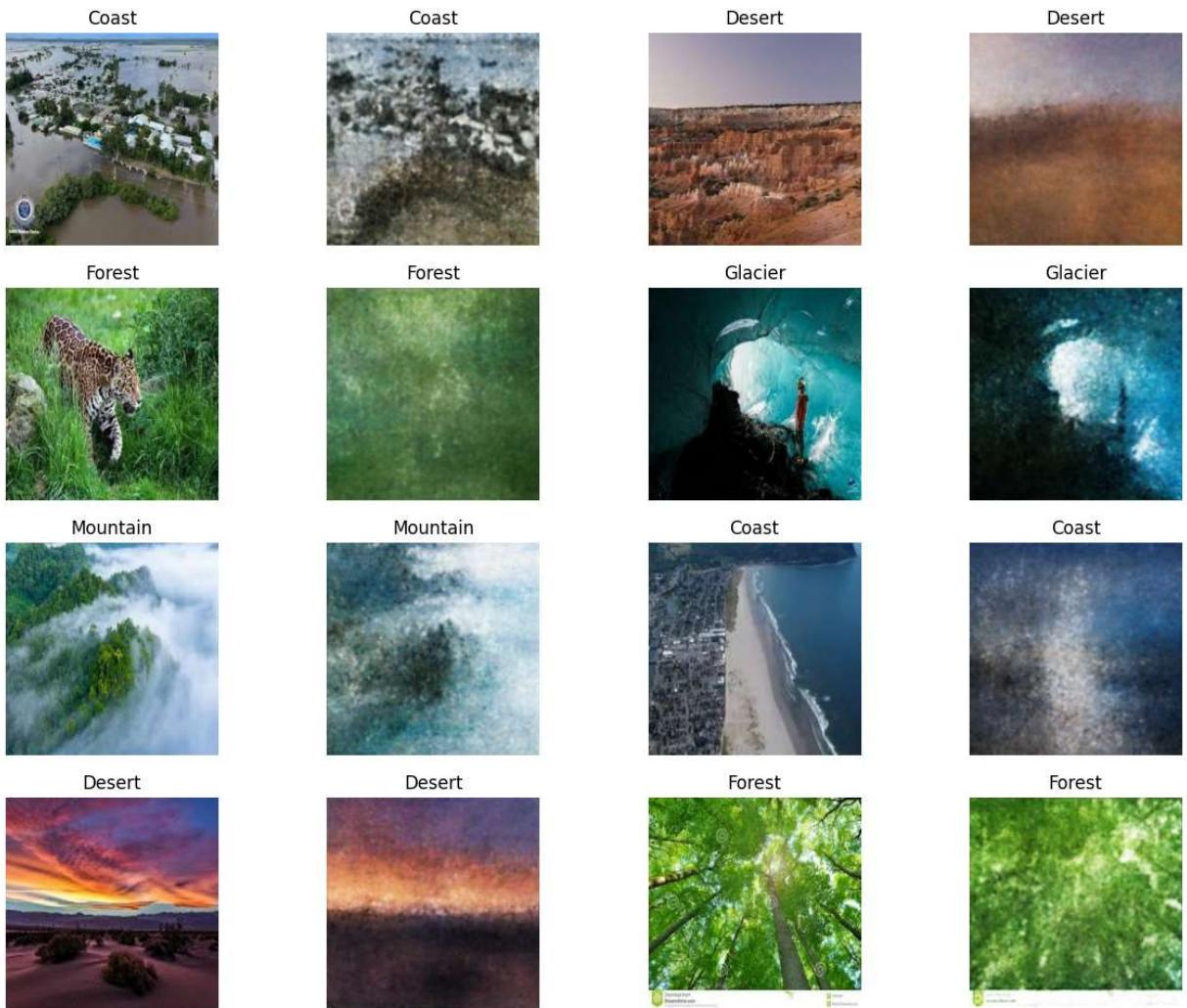
```



```

600/600 [=====] - 131s 218ms/step - loss: 166.5088 - reconstruction_error: 104.3326 - regularization_error: 62.1761 - val_loss: 237.7467 - val_reconstruction_error: 180.8546 - val_regularization_error: 56.8920
Epoch 87/100
600/600 [=====] - ETA: 0s - loss: 166.2064 - reconstruction_error: 103.9663 - regularization_error: 62.2403
[2023-11-22 02:49:01.789376]: Reconstructing images for epoch 87 ...

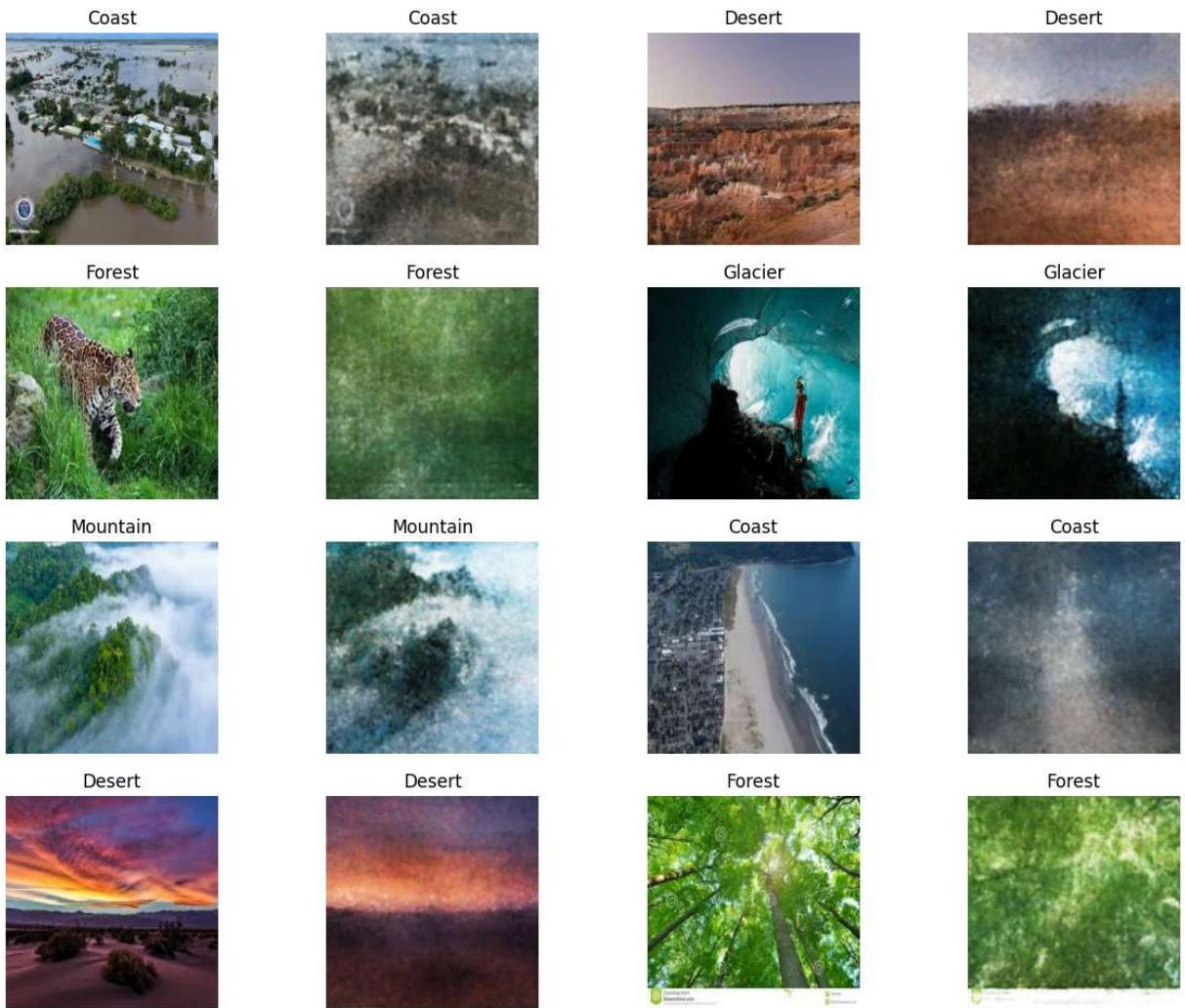
```



```

600/600 [=====] - 145s 241ms/step - loss: 166.2064 - reconstruction_error: 103.9663 - regularization_error: 62.2403 - val_loss: 242.9967 - val_reconstruction_error: 182.0723 - val_regularization_error: 60.9244
Epoch 88/100
600/600 [=====] - ETA: 0s - loss: 165.8796 - reconstruction_error: 103.6903 - regularization_error: 62.1894
[2023-11-22 02:51:15.890141]: Reconstructing images for epoch 88 ...

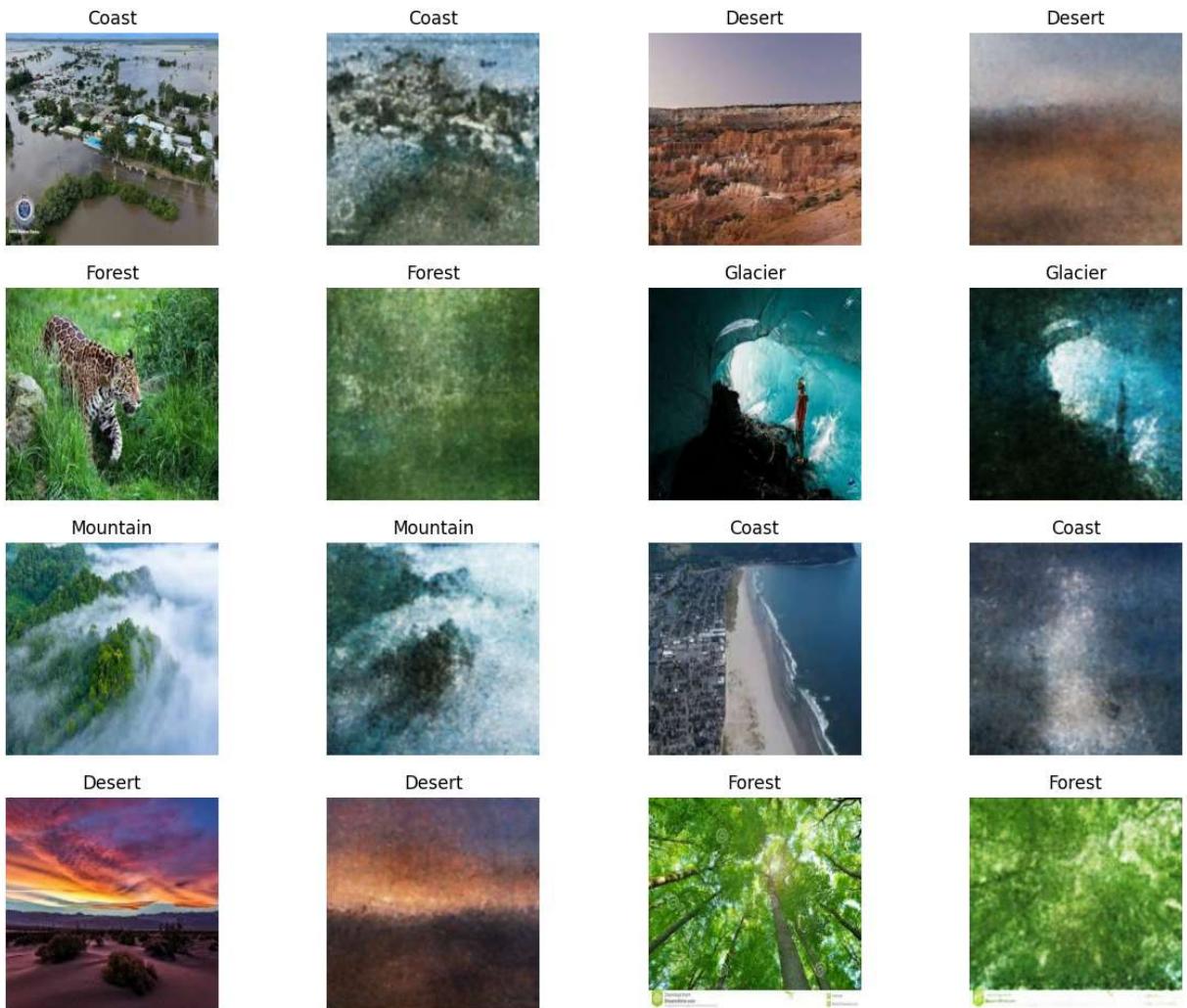
```



```

600/600 [=====] - 134s 224ms/step - loss: 165.8796 - reconstruction_error: 103.6903 - regularization_error: 62.1894 - val_loss: 242.3052 - val_reconstruction_error: 181.9451 - val_regularization_error: 60.3602
Epoch 89/100
600/600 [=====] - ETA: 0s - loss: 165.5350 - reconstruction_error: 103.2828 - regularization_error: 62.2523
[2023-11-22 02:53:35.578661]: Reconstructing images for epoch 89 ...

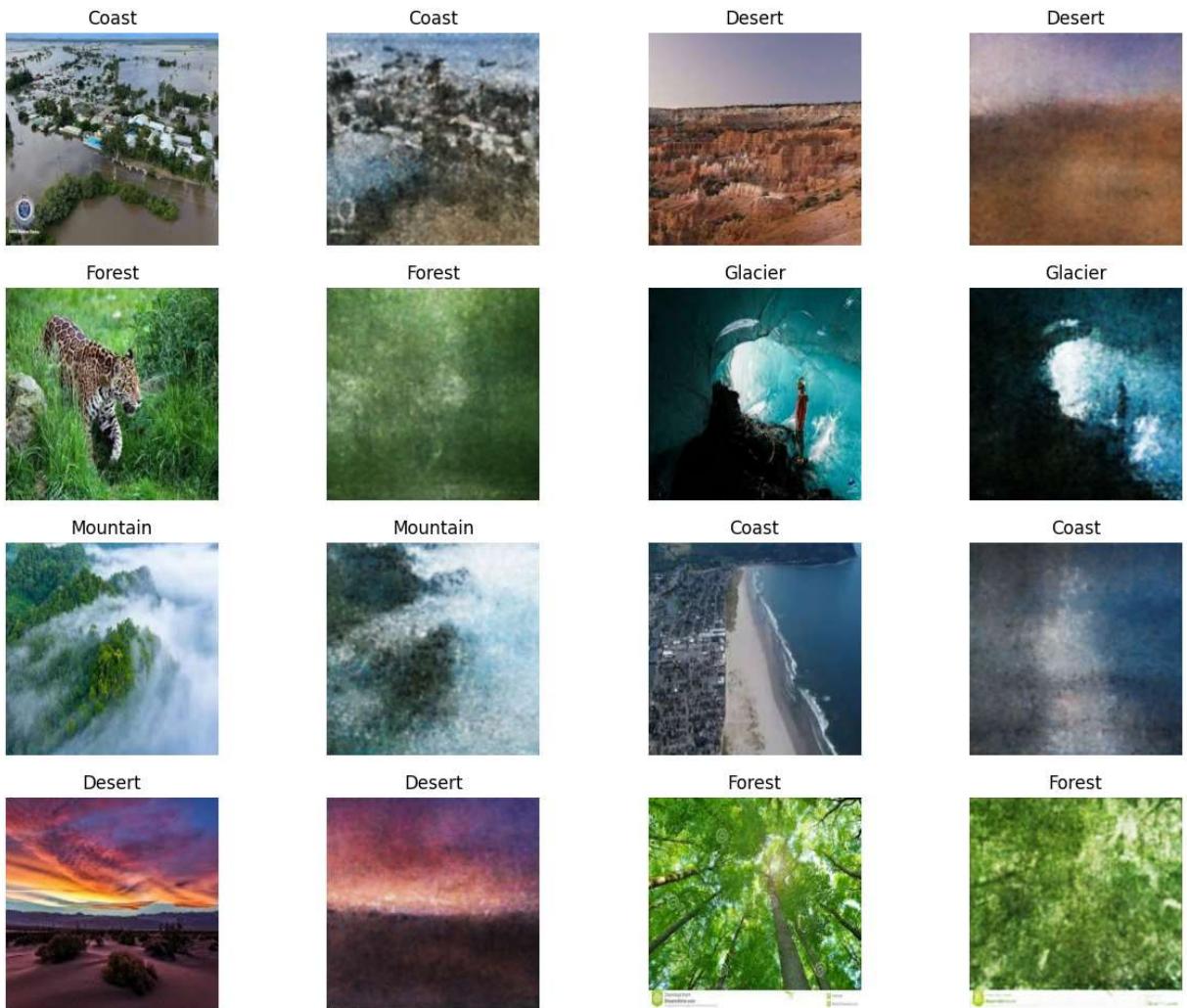
```



```

600/600 [=====] - 139s 232ms/step - loss: 165.5350 - reconstruction_error: 103.2828 - regularization_error: 62.2523 - val_loss: 238.6155 - val_reconstruction_error: 181.4161 - val_regularization_error: 57.1994
Epoch 90/100
600/600 [=====] - ETA: 0s - loss: 165.1456 - reconstruction_error: 102.8783 - regularization_error: 62.2672
[2023-11-22 02:55:52.609625]: Reconstructing images for epoch 90 ...

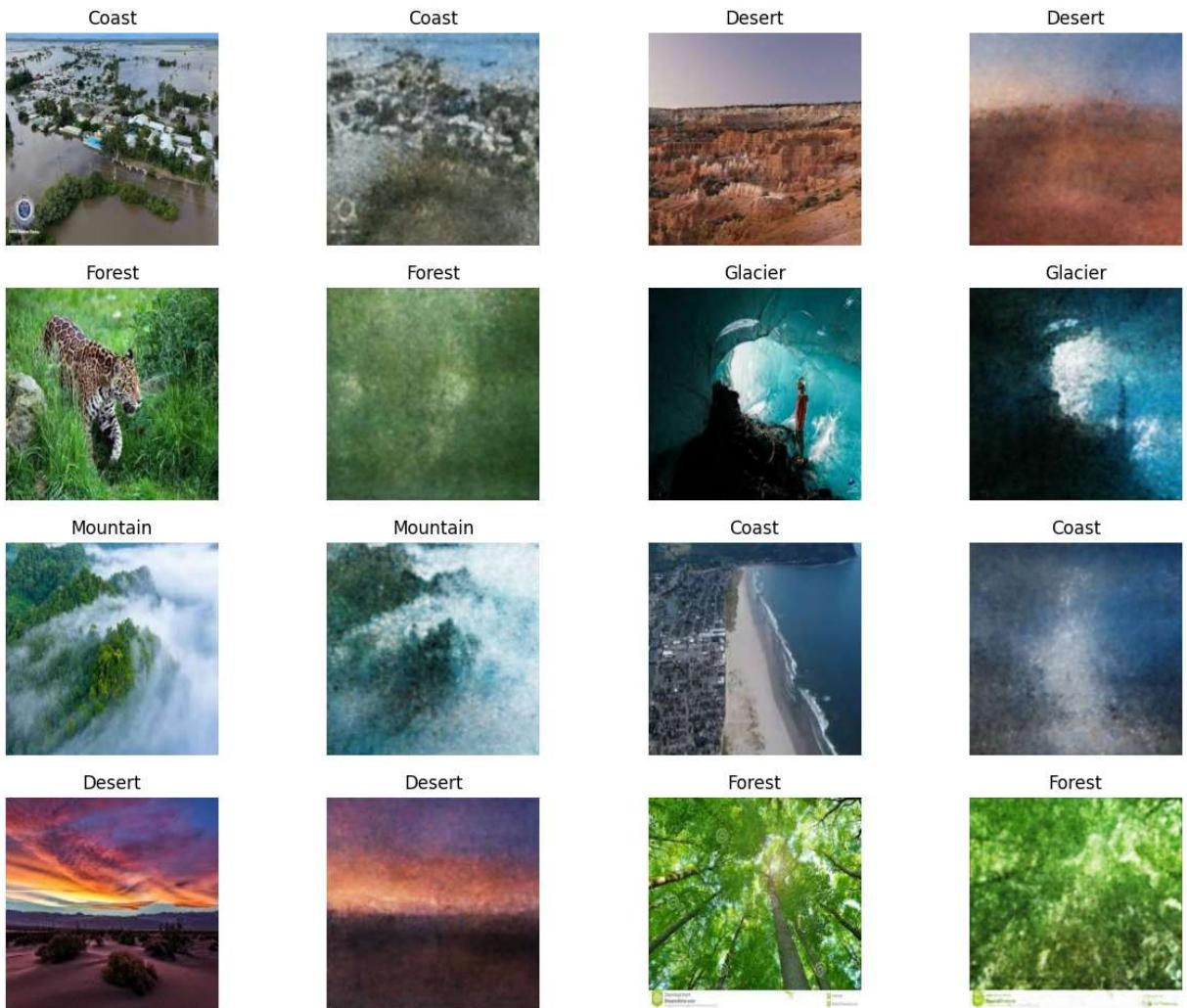
```



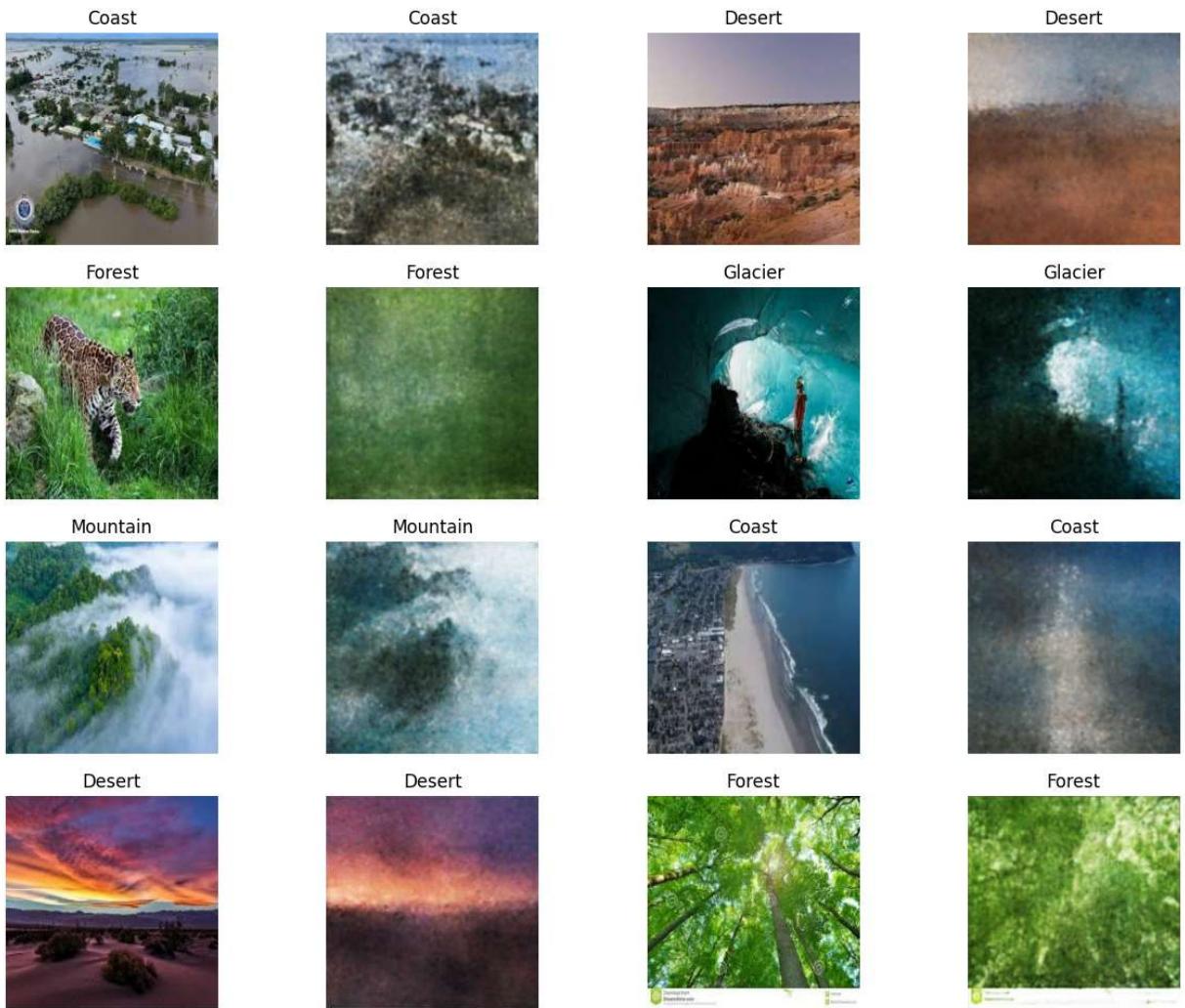
```

600/600 [=====] - 137s 228ms/step - loss: 165.1456 - reconstruction_error: 102.8783 - regularization_error: 62.2672 - val_loss: 240.8278 - val_reconstruction_error: 179.9282 - val_regularization_error: 60.8996
Epoch 91/100
600/600 [=====] - ETA: 0s - loss: 165.2713 - reconstruction_error: 102.9220 - regularization_error: 62.3493
[2023-11-22 02:58:13.653091]: Reconstructing images for epoch 91 ...

```



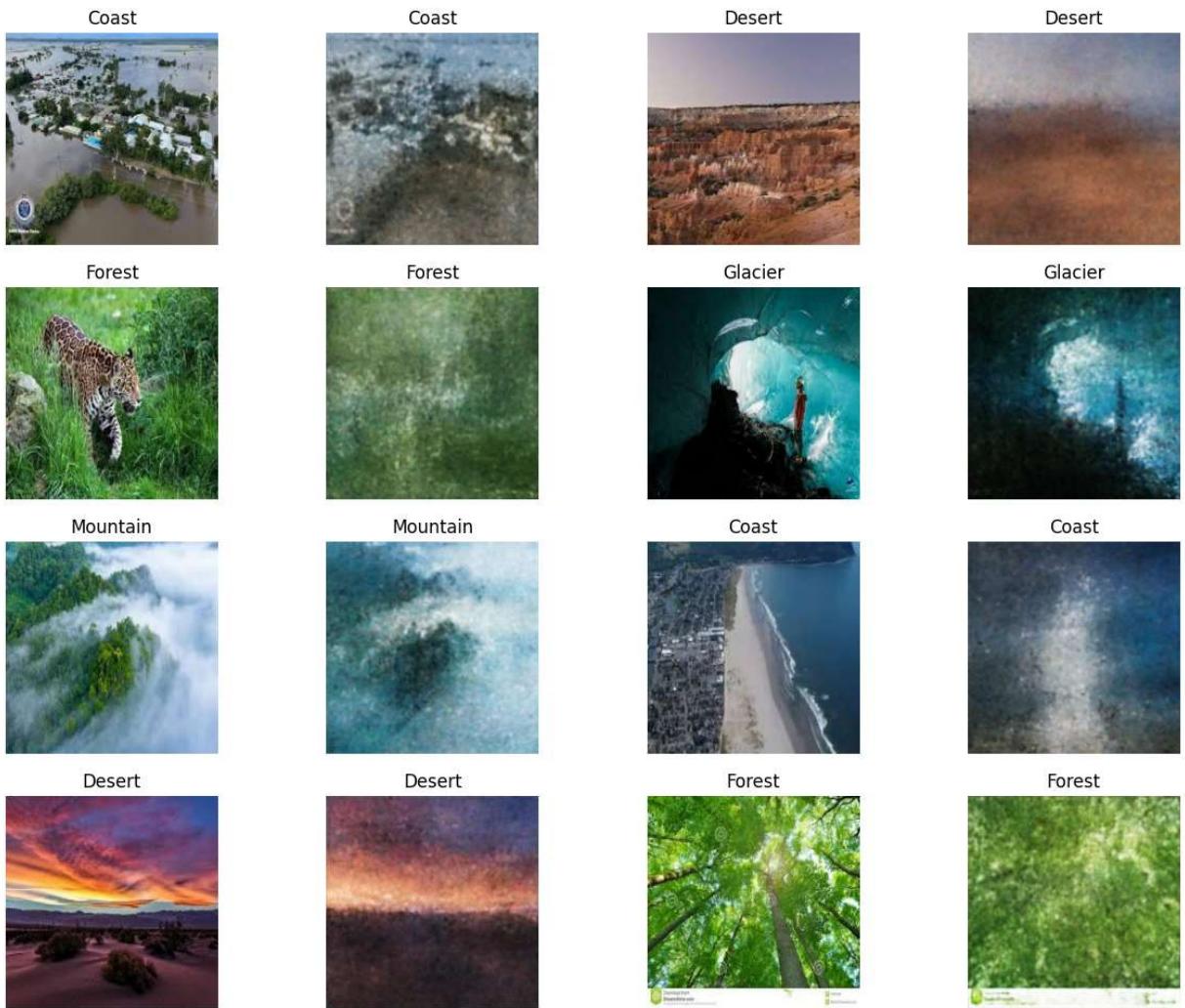
600/600 [=====] - 141s 235ms/step - loss: 165.2713 - reconstruction_error: 102.9220 - regularization_error: 62.3493 - val_loss: 242.9488 - val_reconstruction_error: 183.3276 - val_regularization_error: 59.6212
 Epoch 92/100
 600/600 [=====] - ETA: 0s - loss: 164.7305 - reconstruction_error: 102.3537 - regularization_error: 62.3768
 [2023-11-22 03:00:36.278810]: Reconstructing images for epoch 92 ...



```

600/600 [=====] - 143s 239ms/step - loss: 164.7305 - reconstruction_error: 102.3537 - regularization_error: 62.3768 - val_loss: 239.0248 - val_reconstruction_error: 181.8406 - val_regularization_error: 57.1842
Epoch 93/100
600/600 [=====] - ETA: 0s - loss: 164.4799 - reconstruction_error: 102.1090 - regularization_error: 62.3710
[2023-11-22 03:03:07.422151]: Reconstructing images for epoch 93 ...

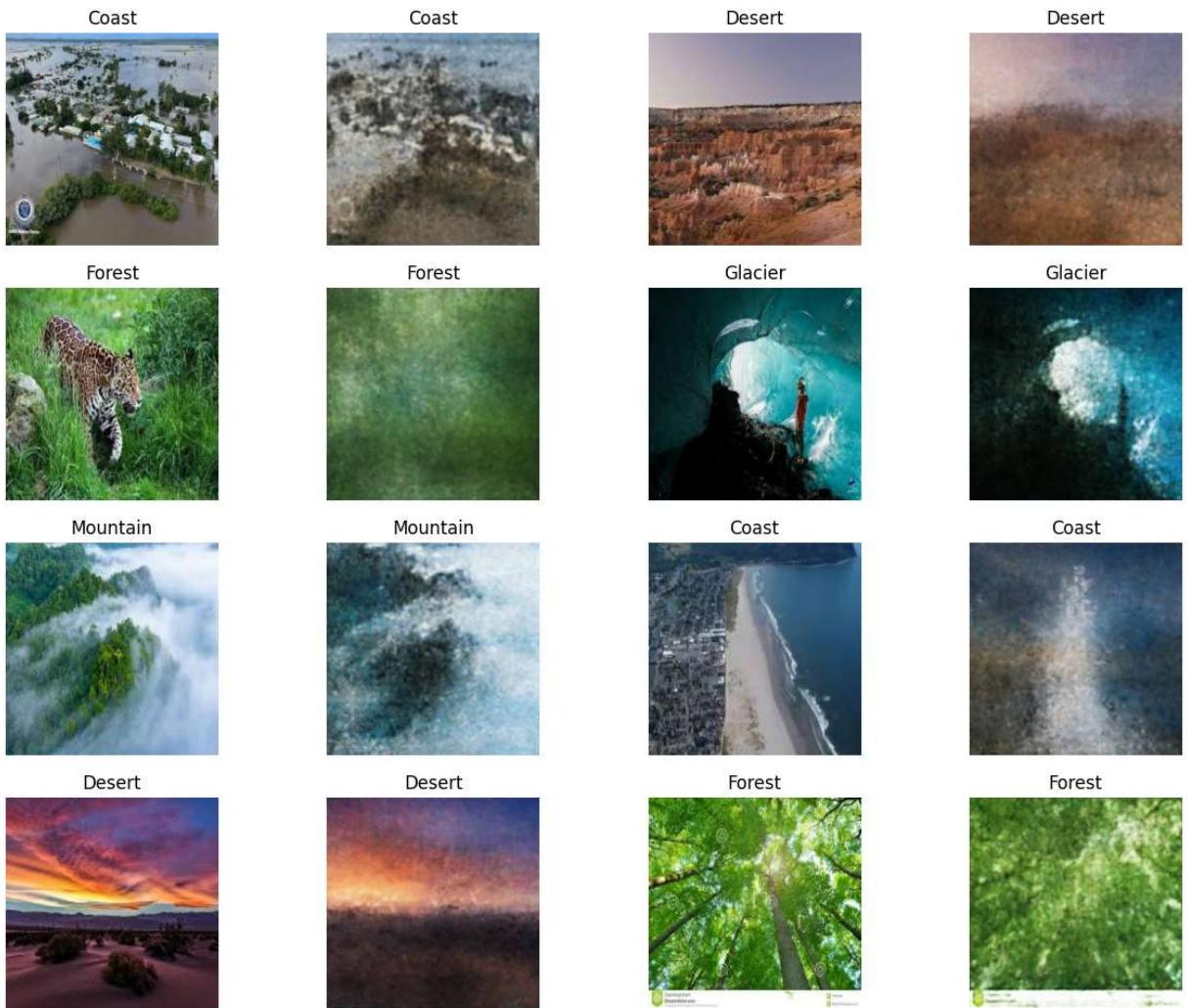
```



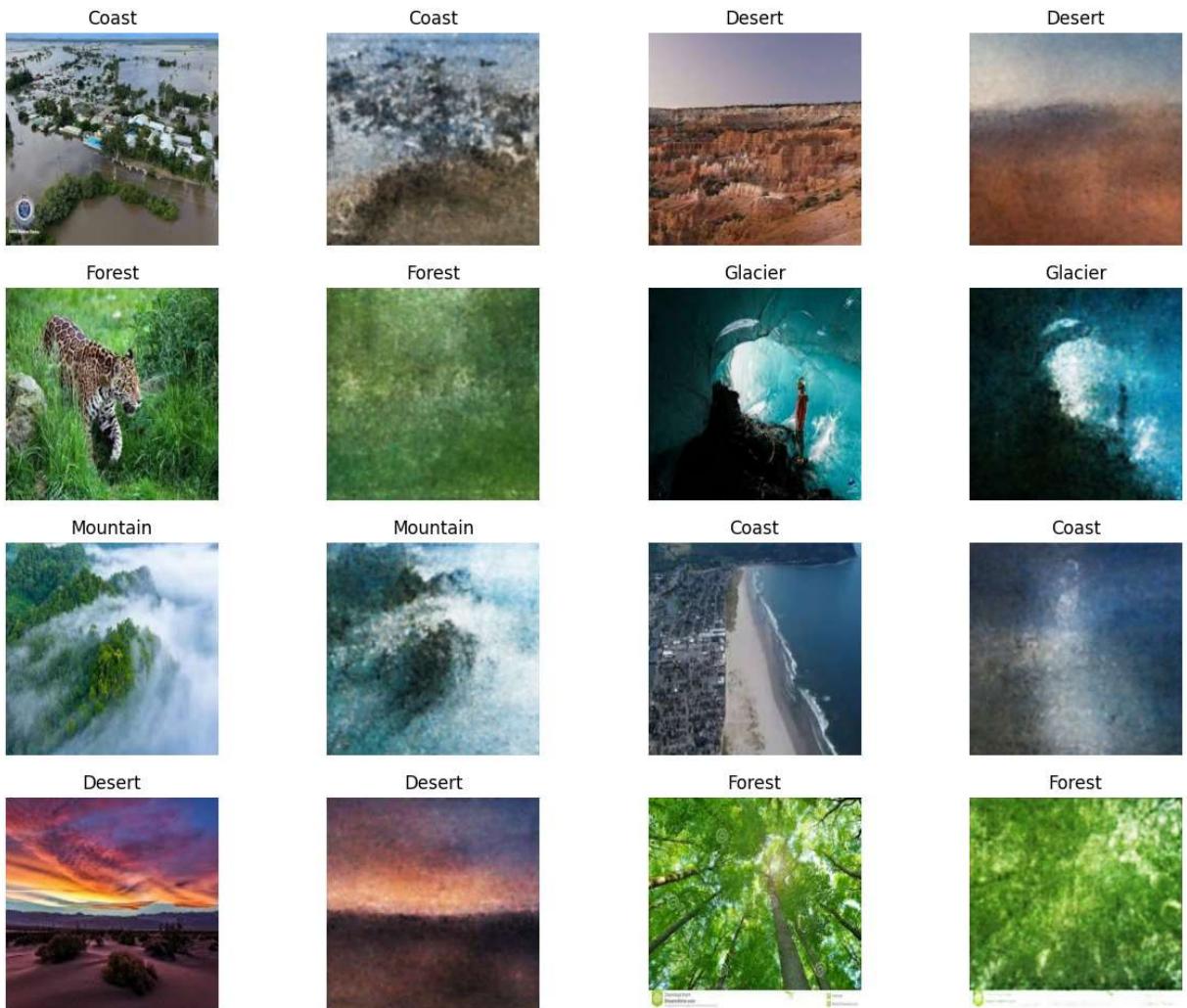
```

600/600 [=====] - 151s 251ms/step - loss: 164.4799 - reconstruction_error: 102.1090 - regularization_error: 62.3710 - val_loss: 240.2489 - val_reconstruction_error: 181.7303 - val_regularization_error: 58.5185
Epoch 94/100
600/600 [=====] - ETA: 0s - loss: 164.0603 - reconstruction_error: 101.6421 - regularization_error: 62.4182
[2023-11-22 03:05:27.753428]: Reconstructing images for epoch 94 ...

```



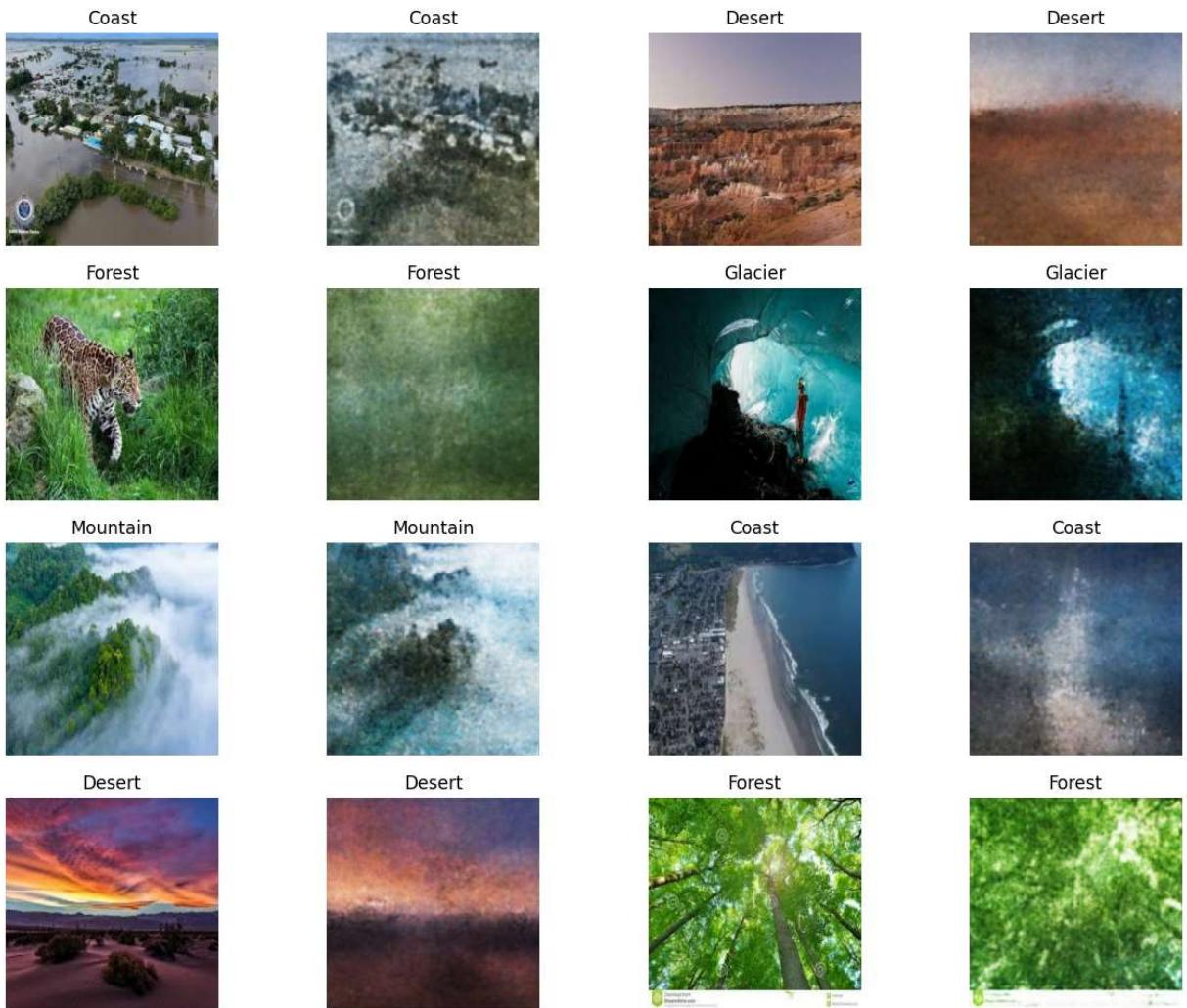
```
600/600 [=====] - 140s 234ms/step - loss: 164.0603 - reconstruction_error: 101.6421 - regularization_error: 62.4182 - val_loss: 242.8325 - val_reconstruction_error: 184.7309 - val_regularization_error: 58.1016
Epoch 95/100
600/600 [=====] - ETA: 0s - loss: 163.6166 - reconstruction_error: 101.3526 - regularization_error: 62.2641
[2023-11-22 03:07:53.706477]: Reconstructing images for epoch 95 ...
```



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600/600 [=====] - 144s 240ms/step - loss: 163.6166 - reconstruction_error: 101.3526 - regularization_error: 62.2641 - val_loss: 239.3224 - val_reconstruction_error: 182.4473 - val_regularization_error: 56.8751
Epoch 96/100
600/600 [=====] - ETA: 0s - loss: 163.4285 - reconstruction_error: 101.0164 - regularization_error: 62.4121
[2023-11-22 03:10:14.368452]: Reconstructing images for epoch 96 ...

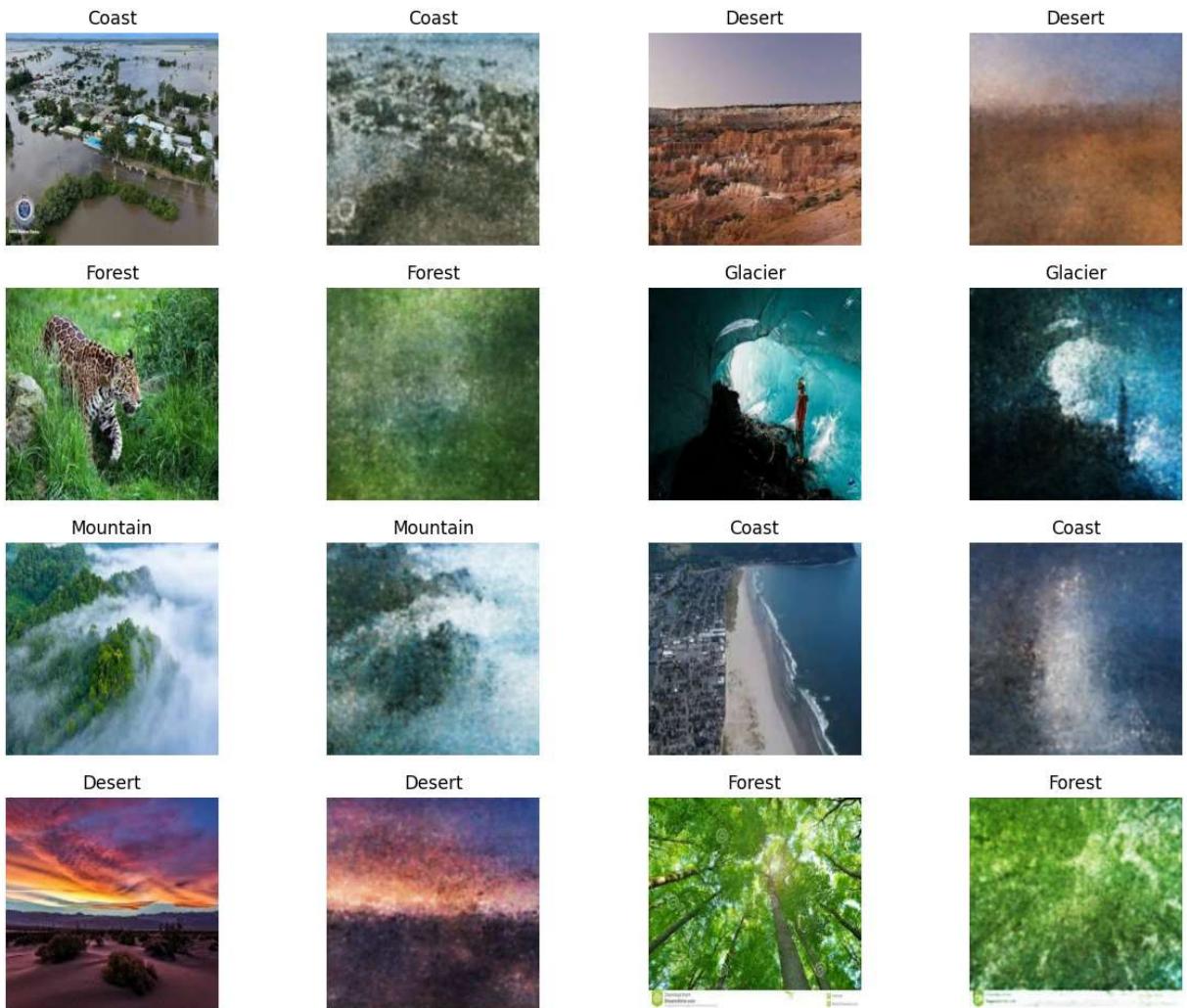
```



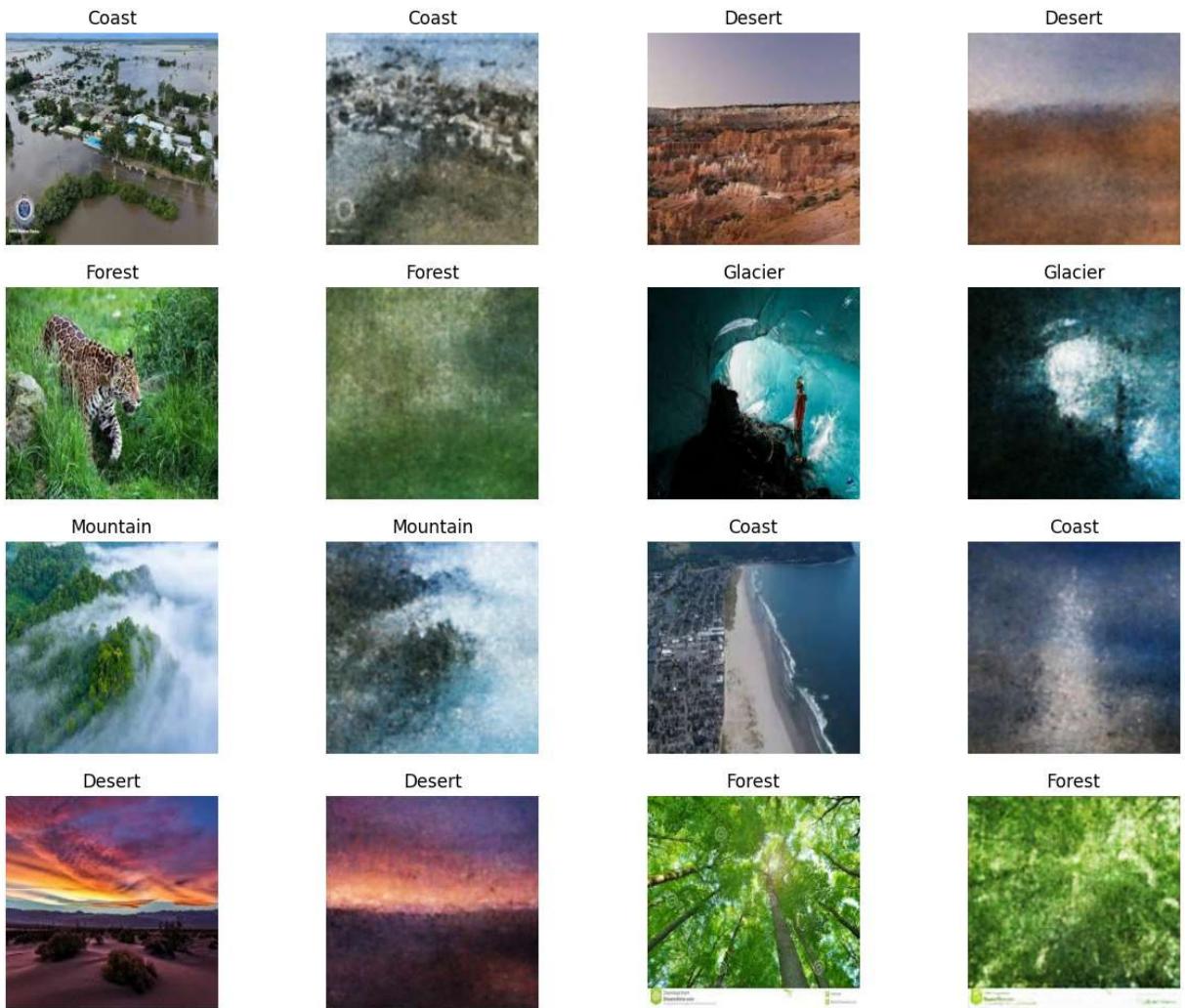
```

600/600 [=====] - 140s 234ms/step - loss: 163.4285 - reconstruction_error: 101.0164 - regularization_error: 62.4121 - val_loss: 240.0147 - val_reconstruction_error: 182.1676 - val_regularization_error: 57.8470
Epoch 97/100
600/600 [=====] - ETA: 0s - loss: 163.0852 - reconstruction_error: 100.7785 - regularization_error: 62.3066
[2023-11-22 03:12:30.259963]: Reconstructing images for epoch 97 ...

```



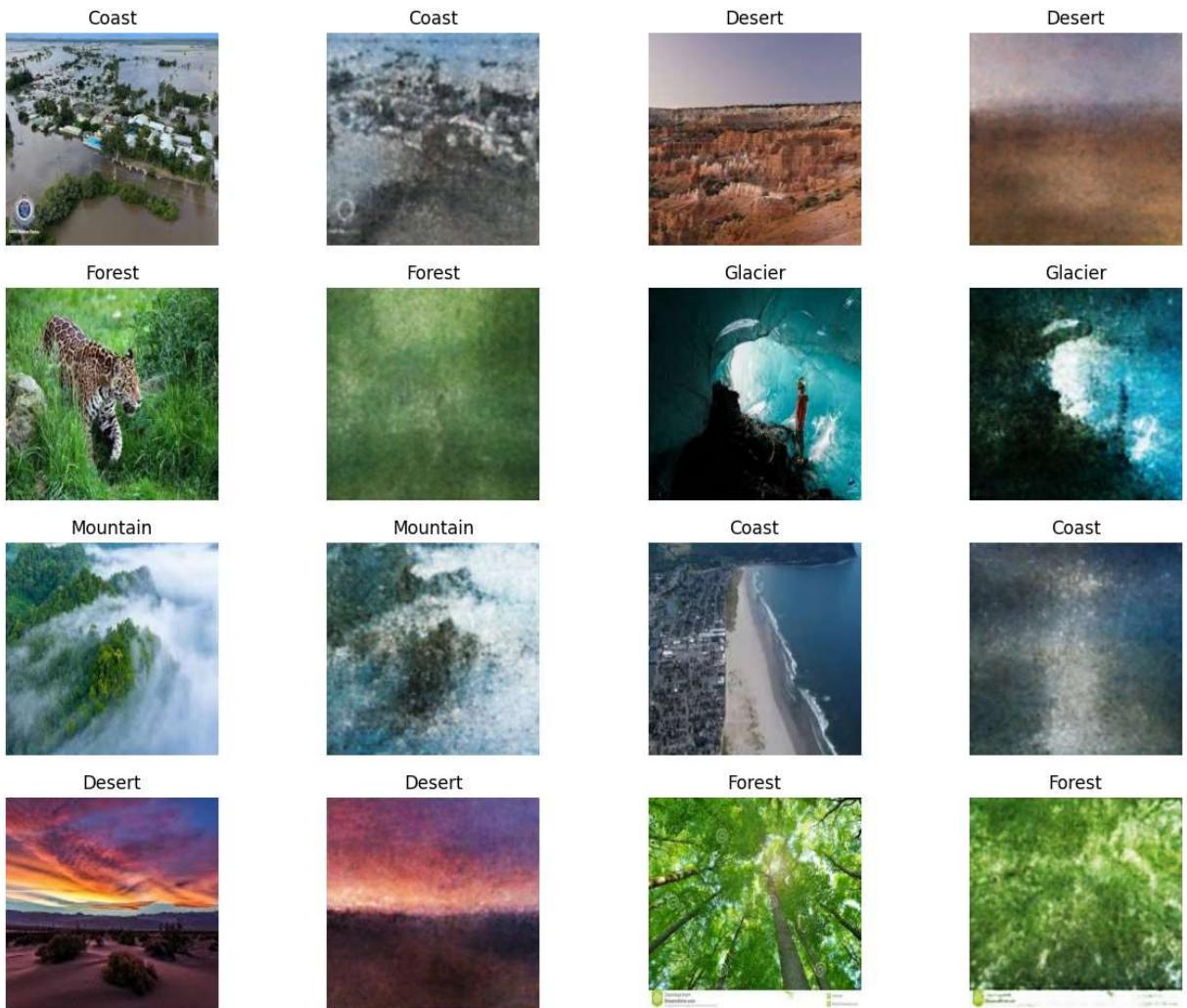
600/600 [=====] - 137s 228ms/step - loss: 163.0852 - reconstruction_error: 100.7785 - regularization_error: 62.3066 - val_loss: 243.8949 - val_reconstruction_error: 185.4238 - val_regularization_error: 58.4710
 Epoch 98/100
 600/600 [=====] - ETA: 0s - loss: 163.1827 - reconstruction_error: 100.6913 - regularization_error: 62.4914
 [2023-11-22 03:14:46.280928]: Reconstructing images for epoch 98 ...



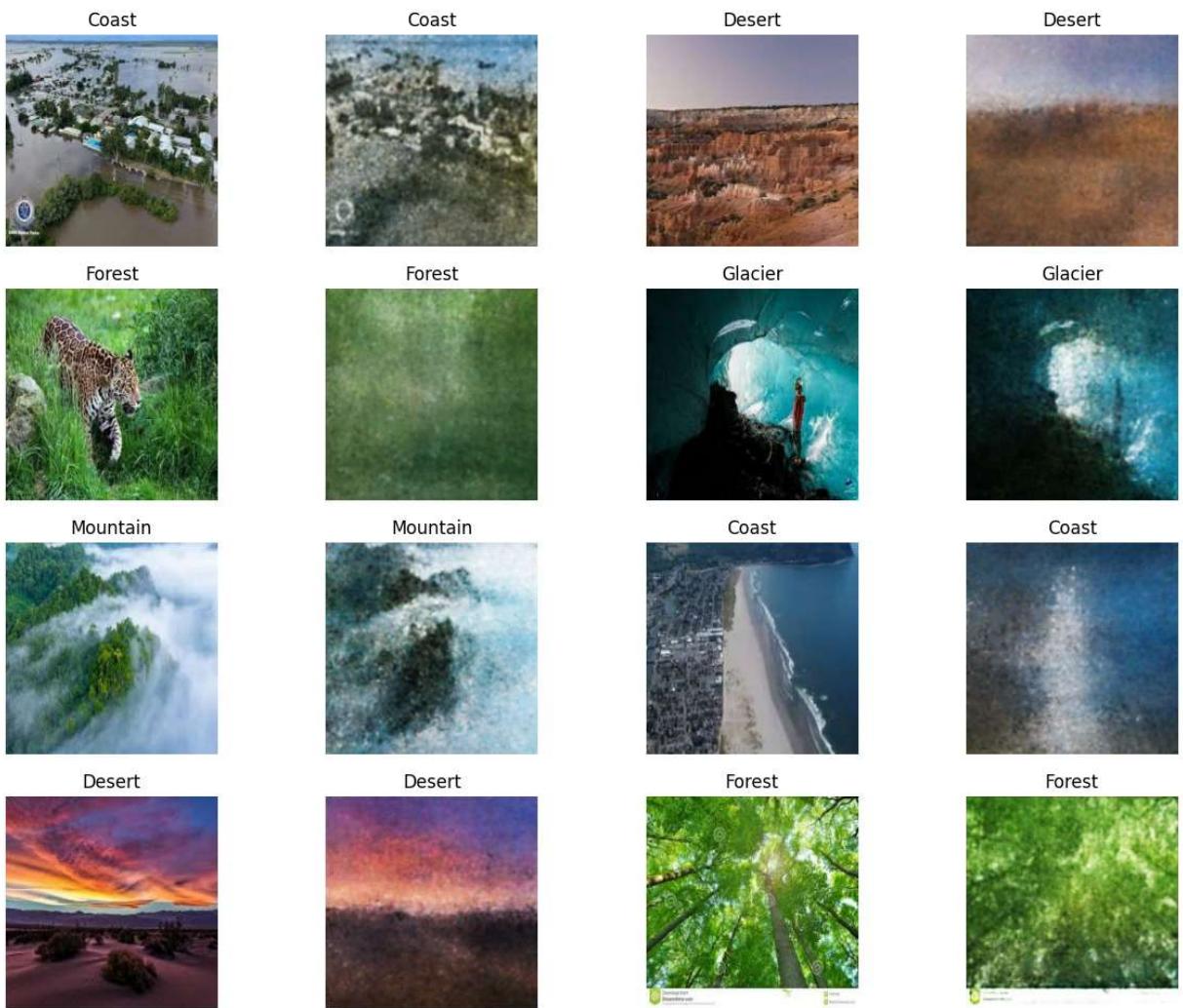
```

600/600 [=====] - 136s 226ms/step - loss: 163.1827 - reconstruction_error: 100.6913 - regularization_error: 62.4914 - val_loss: 238.3801 - val_reconstruction_error: 181.1379 - val_regularization_error: 57.2422
Epoch 99/100
600/600 [=====] - ETA: 0s - loss: 162.7142 - reconstruction_error: 100.1764 - regularization_error: 62.5377
[2023-11-22 03:17:18.185118]: Reconstructing images for epoch 99 ...

```



600/600 [=====] - 152s 252ms/step - loss: 162.7142 - reconstruction_error: 100.1764 - regularization_error: 62.5377 - val_loss: 243.1850 - val_reconstruction_error: 184.6810 - val_regularization_error: 58.5040
 Epoch 100/100
 600/600 [=====] - ETA: 0s - loss: 162.3959 - reconstruction_error: 99.9017 - regularization_error: 62.4942
 [2023-11-22 03:19:49.400403]: Reconstructing images for epoch 100 ...



600/600 [=====] - 151s 252ms/step - loss: 162.3959 - reconstruction_error: 99.9017 - regularization_error: 62.4942 - val_loss: 240.5303 - val_reconstruction_error: 183.0244 - val_regularization_error: 57.5058

