

APPENDIX (G)
STATISTICAL ANALYSES TABLES AND GRAPHS

1. Visitor Group

Note: The scale for answers to the last question in this table is measured by “Yes=1” and “No=0”

Appendix [Beach Resort Visitors]

Citizenship * Country Crosstabulation

| | | | Country | | Total |
|-------------|--------------|------------------|---------|--------|--------|
| | | | USA | Egypt | |
| Citizenship | Egyptian | Count | 4 | 24 | 28 |
| | | % within Country | 5.9% | 51.1% | 24.3% |
| | Non-Egyptian | Count | | 23 | 23 |
| | | % within Country | | 48.9% | 20.0% |
| | American | Count | 51 | | 51 |
| | | % within Country | 75.0% | | 44.3% |
| | Non-American | Count | 13 | | 13 |
| | | % within Country | 19.1% | | 11.3% |
| Total | | Count | 68 | 47 | 115 |
| | | % within Country | 100.0% | 100.0% | 100.0% |

Gender * Country Crosstabulation

| | | | Country | | Total |
|--------|--------|------------------|---------|--------|--------|
| | | | USA | Egypt | |
| Gender | Male | Count | 39 | 31 | 70 |
| | | % within Country | 57.4% | 66.0% | 60.9% |
| | Female | Count | 29 | 16 | 45 |
| | | % within Country | 42.6% | 34.0% | 39.1% |
| Total | | Count | 68 | 47 | 115 |
| | | % within Country | 100.0% | 100.0% | 100.0% |

Level of Education * Country Crosstabulation

| | | | Country | | Total |
|--------------------|-------------------|------------------|---------|--------|--------|
| | | | USA | Egypt | |
| Level of Education | High school | Count | 6 | 2 | 8 |
| | | % within Country | 8.8% | 4.3% | 7.0% |
| | Associate degree | Count | 12 | 3 | 15 |
| | | % within Country | 17.6% | 6.4% | 13.0% |
| | Bachelor's degree | Count | 31 | 31 | 62 |
| | | % within Country | 45.6% | 66.0% | 53.9% |
| | Graduate degree | Count | 19 | 11 | 30 |
| | | % within Country | 27.9% | 23.4% | 26.1% |
| Total | | Count | 68 | 47 | 115 |
| | | % within Country | 100.0% | 100.0% | 100.0% |

Main purpose(s) of visitors trip to beach resort * Country Crosstabulation

| | | | Country | | Total |
|--|---------------------------------------|------------------|---------|--------|--------|
| | | | USA | Egypt | |
| Main purpose(s) of visitors trip to beach resort | Natural Sight seeing | Count | 24 | 12 | 36 |
| | | % within Country | 35.3% | 25.5% | 31.3% |
| | Visit Historical & Cultural Places | Count | | 1 | 1 |
| | | % within Country | | 2.1% | .9% |
| | Involve in social activities | Count | 4 | 1 | 5 |
| | | % within Country | 5.9% | 2.1% | 4.3% |
| | Recreation | Count | 39 | 32 | 71 |
| | | % within Country | 57.4% | 68.1% | 61.7% |
| | Sports | Count | 1 | 1 | 2 |
| | | % within Country | 1.5% | 2.1% | 1.7% |
| Total | | Count | 68 | 47 | 115 |
| | | % within Country | 100.0% | 100.0% | 100.0% |

Request to Recieve the Research Results Report * Country Crosstabulation

| | | | Country | | Total |
|---|-----|------------------|---------|--------|--------|
| | | | USA | Egypt | |
| Request to Recieve the Research Results Report | Yes | Count | 56 | 31 | 87 |
| | | % within Country | 82.4% | 66.0% | 75.7% |
| | No | Count | 12 | 16 | 28 |
| | | % within Country | 17.6% | 34.0% | 24.3% |
| Total | | Count | 68 | 47 | 115 |
| | | % within Country | 100.0% | 100.0% | 100.0% |

Visitors to Beach Resorts (Descriptive Statistic)

Country: USA

| | Sum | N | Mean | Std. Deviation | % of Total Sum | % of Total N |
|---|--------|----|--------|-------------------|-------------------|--------------|
| Visitors' frequency of visit to the same resort | 135.00 | 68 | 1.9853 | 1.2870 | 54.4% | 59.1% |
| Visitors' satisfaction of their staying at the resort | 277.00 | 68 | 4.0735 | .9669 | 57.1% | 59.1% |
| Visitors' attraction to the resort | 270.00 | 68 | 3.9706 | .9921 | 57.4% | 59.1% |
| Size and quality of the beach | 293.00 | 68 | 4.3088 | 1.0259 | 57.0% | 59.1% |
| Visitors' opportunity to visit historic sites | 215.00 | 68 | 3.1618 | 1.1278 | 60.1% | 59.1% |
| Swimming pool | 192.00 | 68 | 2.8235 | 1.4957 | 55.2% | 59.1% |
| Cost | 262.00 | 68 | 3.8529 | 1.0404 | 56.1% | 59.1% |
| Size and quality of accommodation units | 254.00 | 68 | 3.7353 | 1.0875 | 57.6% | 59.1% |
| Pleasant landscaping | 278.00 | 68 | 4.0882 | 1.0753 | 58.5% | 59.1% |
| Visitors' opportunities to visit with others | 171.00 | 68 | 2.5147 | 1.1653 | 49.9% | 59.1% |
| Visitors' opportunity to view wildlife and nature | 282.00 | 68 | 4.1471 | .9965 | 61.0% | 59.1% |
| Character of surrounding area | 286.00 | 68 | 4.2059 | .7443 | 60.9% | 59.1% |
| Visitors' opportunities for privacy | 284.00 | 68 | 4.1765 | .8629 | 60.3% | 59.1% |
| Quality of local shops and restaurants | 234.00 | 68 | 3.4412 | 1.1639 | 56.0% | 59.1% |
| Visitors' opportunities for diving | 207.00 | 68 | 3.0441 | 1.4704 | 54.2% | 59.1% |
| Visitors' opportunities for swimming in the ocean | 280.00 | 68 | 4.1176 | 1.0863 | 59.2% | 59.1% |
| Character of the architecture | 237.00 | 68 | 3.4853 | 1.0994 | 55.2% | 59.1% |
| Visitors' opportunities for relaxation and reflection | 285.00 | 68 | 4.1912 | .7966 | 57.9% | 59.1% |
| Importance of environmentally sensitive development to natural/cultural resources | 301.00 | 68 | 4.4265 | .8520 | 57.8% | 59.1% |
| Environmental sensitivity of the current coastal resort developments | 15.00 | 68 | .2206 | .4437 | 50.8% | 59.1% |

Visitors to Beach Resorts (Descriptive Statistic)

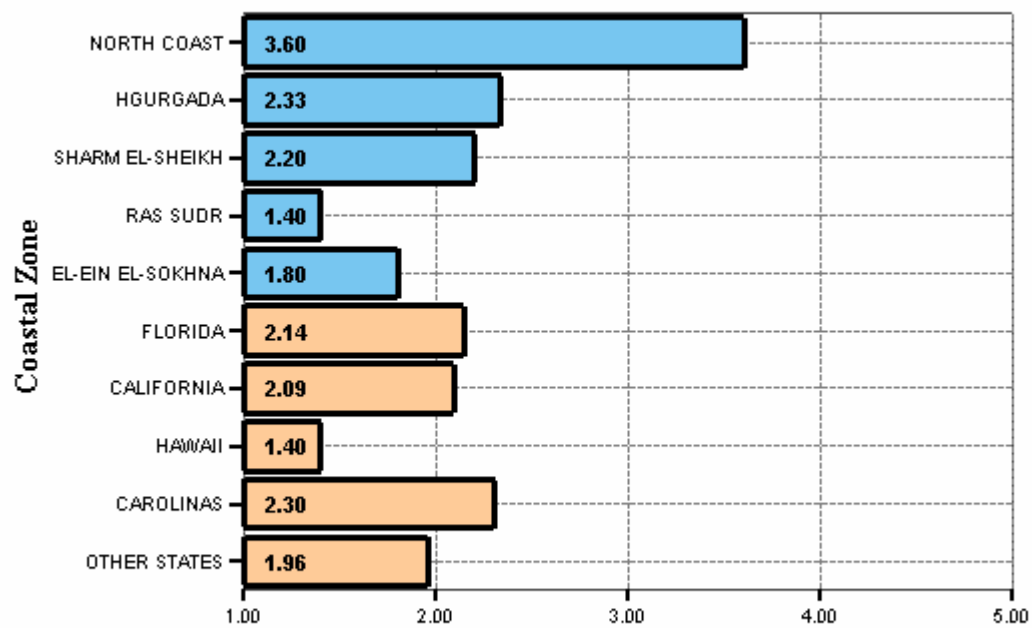
Country: Egypt

| | Sum | N | Mean | Std. Deviation | % of Total Sum | % of Total N |
|---|--------|----|--------|----------------|----------------|--------------|
| Visitors' frequency of visit to the same resort | 113.00 | 47 | 2.4043 | 1.3619 | 45.6% | 40.9% |
| Visitors' satisfaction of their staying at the resort | 208.00 | 47 | 4.4255 | .6835 | 42.9% | 40.9% |
| Visitors' attraction to the resort | 200.00 | 47 | 4.2553 | .6416 | 42.6% | 40.9% |
| Size and quality of the beach | 221.00 | 47 | 4.7021 | .8053 | 43.0% | 40.9% |
| Visitors' opportunity to visit historic sites | 143.00 | 47 | 3.0426 | 1.3345 | 39.9% | 40.9% |
| Swimming pool | 156.00 | 47 | 3.3191 | 1.4158 | 44.8% | 40.9% |
| Cost | 205.00 | 47 | 4.3617 | .4857 | 43.9% | 40.9% |
| Size and quality of accommodation units | 187.00 | 47 | 3.9787 | .8720 | 42.4% | 40.9% |
| Pleasant landscaping | 197.00 | 47 | 4.1915 | .7113 | 41.5% | 40.9% |
| Visitors' opportunities to visit with others | 172.00 | 47 | 3.6596 | 1.0274 | 50.1% | 40.9% |
| Visitors' opportunity to view wildlife and nature | 180.00 | 47 | 3.8298 | 1.1096 | 39.0% | 40.9% |
| Character of surrounding area | 184.00 | 47 | 3.9149 | .6196 | 39.1% | 40.9% |
| Visitors' opportunities for privacy | 187.00 | 47 | 3.9787 | 1.0106 | 39.7% | 40.9% |
| Quality of local shops and restaurants | 184.00 | 47 | 3.9149 | .9048 | 44.0% | 40.9% |
| Visitors' opportunities for diving | 175.00 | 47 | 3.7234 | 1.2459 | 45.8% | 40.9% |
| Visitors' opportunities for swimming in the ocean | 193.00 | 47 | 4.1064 | 1.1274 | 40.8% | 40.9% |
| Character of the architecture | 192.00 | 47 | 4.0851 | .7754 | 44.8% | 40.9% |
| Visitors' opportunities for relaxation and reflection | 207.00 | 47 | 4.4043 | .6136 | 42.1% | 40.9% |
| Importance of environmentally sensitive development to natural/cultural resources | 220.00 | 47 | 4.6809 | .6949 | 42.2% | 40.9% |
| Environmental sensitivity of the current coastal resort developments | 14.50 | 47 | .3085 | .4242 | 49.2% | 40.9% |

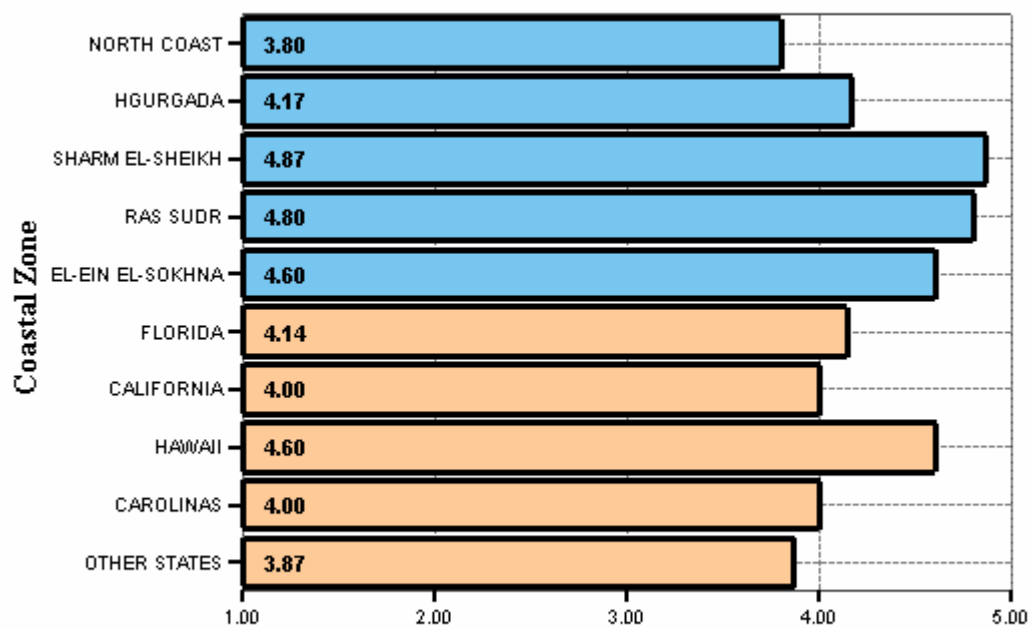
Visitors' Perception of Beach Resorts Frequency of Visit, Satisfaction, Attraction, Selection, and Environmental Quality [Means, Standard Deviation, and t-test for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|---|---------|--------------------|--------|-------------------|-----------------------------|
| Q1. Visitors' frequency of visit to the same resort | USA | .097 | 1.9853 | 1.2870 | not Significant |
| | Egypt | .101 | 2.4043 | 1.3619 | |
| Q2. Visitors' satisfaction of their staying at the resort | USA | .034 | 4.0735 | .9669 | Significant |
| | Egypt | .024 | 4.4255 | .6834 | |
| Q3. Visitors' attraction to the resort | USA | .086 | 3.9706 | .9921 | not Significant |
| | Egypt | .064 | 4.2553 | .6416 | |
| Q6 (a-o) importance of the following factors in selecting a resort: Size and quality of the beach | USA | .030 | 4.3088 | 1.0259 | Significant |
| | Egypt | .023 | 4.7021 | .8053 | |
| Visitors' opportunity to visit historic sites | USA | .606 | 3.1618 | 1.1278 | not Significant |
| | Egypt | .618 | 3.0426 | 1.3345 | |
| Swimming pool | USA | .077 | 2.8235 | 1.4957 | not Significant |
| | Egypt | .074 | 3.3191 | 1.4158 | |
| Cost | USA | .002 | 3.8529 | 1.0404 | Significant |
| | Egypt | .001 | 4.3617 | .4857 | |
| Size and quality of accommodation units | USA | .204 | 3.7353 | 1.0875 | not Significant |
| | Egypt | .187 | 3.9787 | .8720 | |
| Pleasant landscaping | USA | .565 | 4.0882 | 1.0753 | not Significant |
| | Egypt | .537 | 4.1915 | .7113 | |
| Visitors' opportunities to visit with others | USA | .000 | 2.5147 | 1.1653 | Significant |
| | Egypt | .000 | 3.6596 | 1.0274 | |
| Visitors' opportunity to view wildlife and nature | USA | .112 | 4.1471 | .9965 | not Significant |
| | Egypt | .120 | 3.8298 | 1.1096 | |
| Character of surrounding area | USA | .030 | 4.2059 | .7443 | Significant |
| | Egypt | .025 | 3.9149 | .6196 | |
| Visitors' opportunities for privacy | USA | .263 | 4.1765 | .8629 | not Significant |
| | Egypt | .277 | 3.9787 | 1.0106 | |
| Quality of local shops and restaurants | USA | .021 | 3.4412 | 1.1639 | Significant |
| | Egypt | .016 | 3.9149 | .9048 | |
| Visitors' opportunities for diving | USA | .011 | 3.0441 | 1.4704 | Significant |
| | Egypt | .009 | 3.7234 | 1.2459 | |
| Visitors' opportunities for swimming in the ocean | USA | .957 | 4.1176 | 1.0863 | not Significant |
| | Egypt | .957 | 4.1064 | 1.1274 | |
| Character of the architecture | USA | .002 | 3.4853 | 1.0994 | Significant |
| | Egypt | .001 | 4.0851 | .7754 | |
| Visitors' opportunities for relaxation and reflection | USA | .125 | 4.1912 | .7966 | not Significant |
| | Egypt | .108 | 4.4043 | .6136 | |
| Q7. Importance of environmentally sensitive development to natural/cultural resources | USA | .093 | 4.4265 | .8520 | not Significant |
| | Egypt | .082 | 4.6809 | .6949 | |
| Q8. Environmental sensitivity of the current coastal resort developments | USA | .085 | 1.3824 | .5992 | not Significant |
| | Egypt | .106 | 1.6170 | .8484 | |

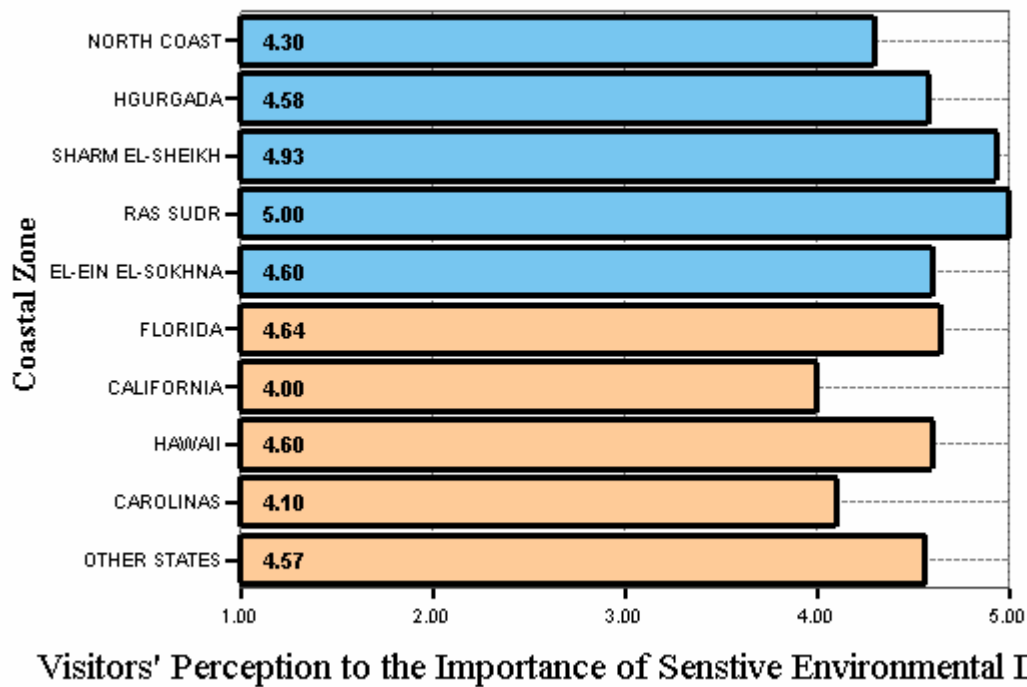
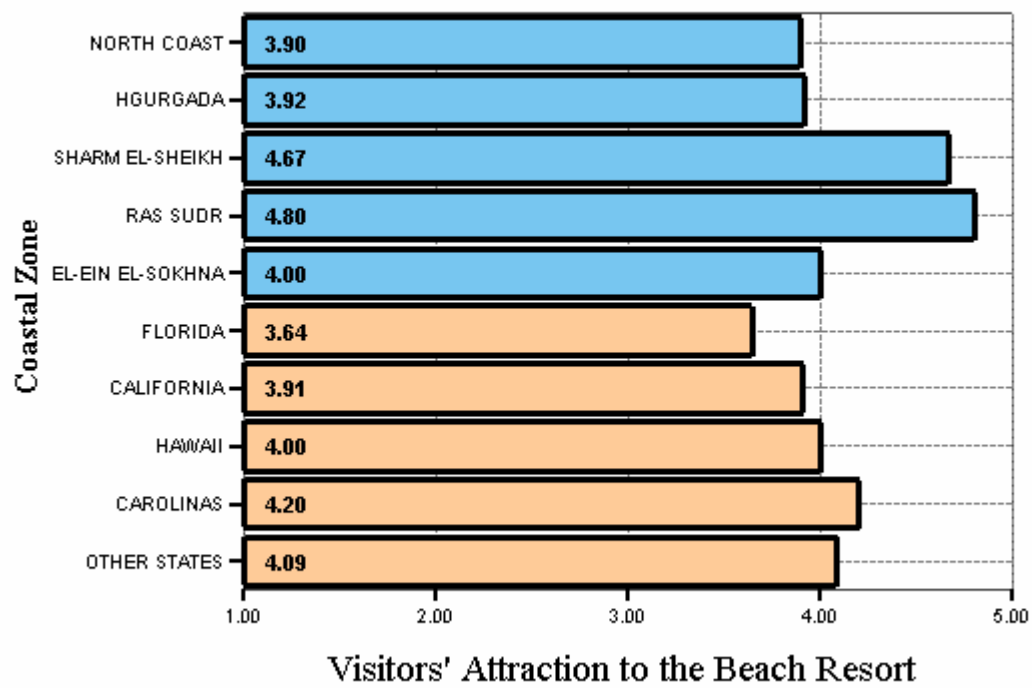
I. Visitors Responses By Coastal Zones



Visitors' Frequent Times of Visit to the Same Beach Resort



Visitors' Satisfaction with their Stay at the Beach Resort



**Designers/Managers/Visitors's Perception of Beach Resort Conceptual Carrying Capacities
[Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]**

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|---------------------------------|---------|--------------------|--------|-------------------|-----------------------------|
| Ecological carrying capacity | USA | .041 | 4.1688 | .8693 | Significant |
| | Egypt | .041 | 4.3852 | .8667 | |
| Social carrying capacity | USA | .597 | 3.8182 | .9390 | not Significant |
| | Egypt | .594 | 3.8770 | .8868 | |
| Psychological carrying capacity | USA | .000 | 3.8831 | .9071 | Significant |
| | Egypt | .000 | 3.5082 | .7187 | |
| Physical carrying capacity | USA | .000 | 4.1039 | .9509 | Significant |
| | Egypt | .000 | 4.6475 | .6155 | |
| Economic carrying capacity | USA | .417 | 3.3506 | .8747 | not Significant |
| | Egypt | .407 | 3.2705 | .7277 | |
| Managerial carrying capacity | USA | .044 | 3.6883 | .5776 | Significant |
| | Egypt | .047 | 3.8361 | .6346 | |

**Designers/Managers' Perception of Beach Resort Environmental Sensitivity Development [Means, Std.
Deviation, and (t-test) for USA / Egypt Respondents]**

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|---|---------|--------------------|--------|-------------------|-----------------------------|
| Q1. Applicability of environmentally sensitive development nationally | USA | .000 | 2.8953 | 1.3198 | Significant |
| | Egypt | .000 | 2.2400 | .8194 | |
| Q2. Significance of design/management in solving environmental problems | USA | .000 | 3.4884 | 1.3083 | Significant |
| | Egypt | .000 | 4.5867 | .7900 | |
| Q4. Environmental sensitivity of the current designed/managed resorts | USA | .951 | 3.9419 | .7875 | not Significant |
| | Egypt | .952 | 3.9333 | .9772 | |
| Q11a. Effectiveness of laws/regulations in protecting "Cultural Environment" | USA | .779 | 3.3953 | 1.2951 | not Significant |
| | Egypt | .773 | 3.3467 | .8136 | |
| Q11b. Effectiveness of laws/regulations in protecting "Natural Environment" | USA | .240 | 2.7907 | 1.3644 | not Significant |
| | Egypt | .223 | 3.0000 | .7534 | |
| Q12. Restriction of laws/regulations on designer/manager's ability to develop successful resort | USA | .173 | 2.8605 | 1.1799 | not Significant |
| | Egypt | .167 | 3.0933 | .9469 | |
| Q13. Familiarity with the "Sustainable Development" concept | USA | .001 | .8279 | .3202 | Significant |
| | Egypt | .000 | .9380 | .1890 | |
| Q14. Incorporation of sustainability into the current resort development | USA | .032 | 2.5349 | 1.1029 | Significant |
| | Egypt | .029 | 2.8800 | .8847 | |
| Q15. Importance of incorporating sustainability in improving resorts quality | USA | .377 | 4.6163 | .4891 | not Significant |
| | Egypt | .385 | 4.6933 | .6145 | |
| Q16. Incorporation of sustainability into the current designed/managed resorts | USA | .000 | .8372 | .3713 | Significant |
| | Egypt | .000 | .5200 | .5030 | |
| Q21. Use of carrying capacity/life cycling/eco-tourism in design/management | USA | .000 | .5930 | .4942 | Significant |
| | Egypt | .000 | .9200 | .2731 | |

Designers/Managers' Believe on the Role of Individuals/Groups Concern about Developing Environmentally Sensitive Coastal Resorts Development [Q8. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|-------------------------------------|---------|-----------------|--------|----------------|--------------------------|
| Resort designers/planners | USA | .025 | 3.5698 | 1.1534 | Significant |
| | Egypt | .025 | 3.9867 | 1.1797 | |
| Resort managers | USA | .064 | 3.4186 | .9758 | not Significant |
| | Egypt | .060 | 3.6800 | .7739 | |
| Resort owners/developers | USA | .848 | 2.8953 | 1.1685 | not Significant |
| | Egypt | .849 | 2.9333 | 1.3390 | |
| Local residents | USA | .000 | 3.6977 | 1.0067 | Significant |
| | Egypt | .000 | 2.0133 | .8462 | |
| Resort users | USA | .803 | 2.6628 | .8893 | not Significant |
| | Egypt | .804 | 2.6267 | .9412 | |
| Local government officials | USA | .292 | 3.4767 | 1.2341 | not Significant |
| | Egypt | .300 | 3.2400 | 1.6010 | |
| Regional/state government officials | USA | .632 | 3.2558 | 1.2666 | not Significant |
| | Egypt | .635 | 3.3600 | 1.4854 | |
| National government officials | USA | .065 | 3.1047 | 1.2178 | not Significant |
| | Egypt | .070 | 3.5067 | 1.5279 | |

Designers/Managers' Believe on the Role of Individuals/Groups Concern about Sustainable Coastal Resort Developments [Q17. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|-------------------------------------|---------|-----------------|--------|----------------|--------------------------|
| Resort designers/planners | USA | .656 | 3.3837 | 1.1185 | not Significant |
| | Egypt | .649 | 3.4533 | .8103 | |
| Resort managers | USA | .147 | 3.2558 | 1.0311 | not Significant |
| | Egypt | .139 | 3.4667 | .7593 | |
| Resort owners/developers | USA | .022 | 3.0465 | 1.1571 | Significant |
| | Egypt | .019 | 3.4000 | .6975 | |
| Local residents | USA | .000 | 2.8605 | 1.0755 | Significant |
| | Egypt | .000 | 1.8933 | 1.1806 | |
| Resort users | USA | .264 | 2.3488 | 1.0263 | not Significant |
| | Egypt | .277 | 2.1200 | 1.5418 | |
| Local government officials | USA | .002 | 3.5000 | 1.0600 | Significant |
| | Egypt | .003 | 4.0800 | 1.3127 | |
| Regional/state government officials | USA | .000 | 2.8605 | 1.0645 | Significant |
| | Egypt | .000 | 1.9733 | 1.3454 | |
| National government officials | USA | .000 | 2.8721 | 1.0381 | Significant |
| | Egypt | .000 | 2.1067 | 1.5208 | |

Designers/Managers Believe in the Importance of Elements of The Natural Environment in the Design/Managment an Environmentally Sensitive and Sustainable Coastal Resort [Q D/M 9 and 19. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

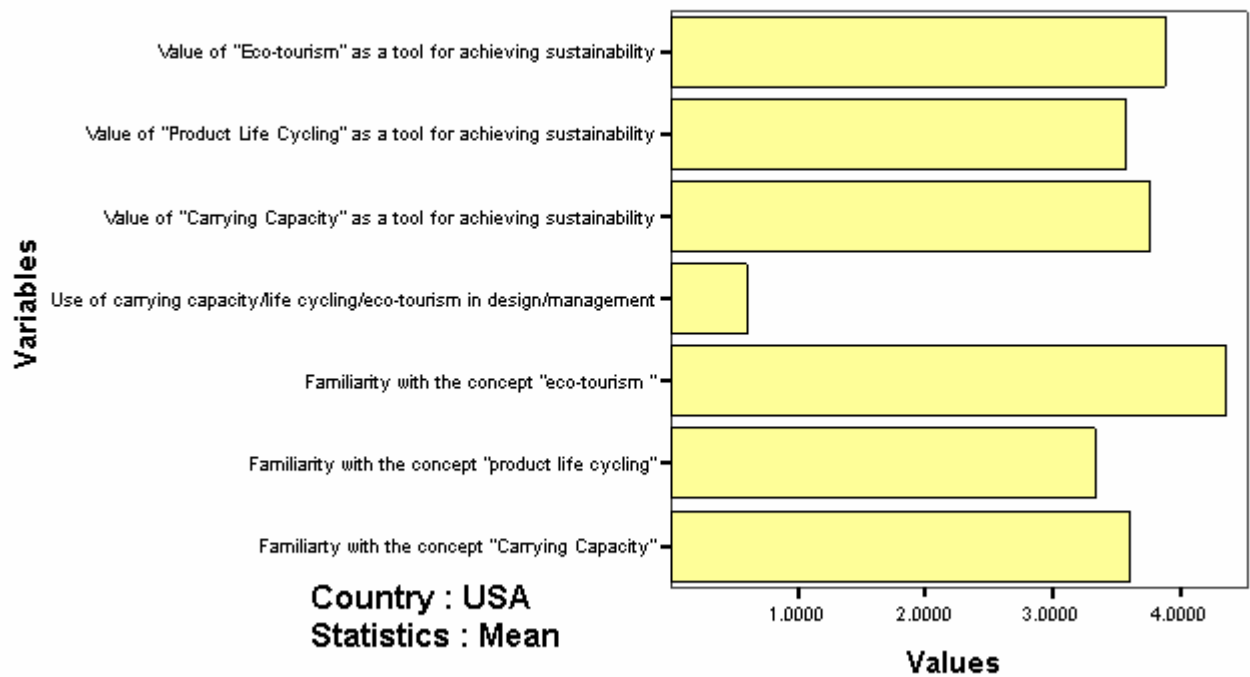
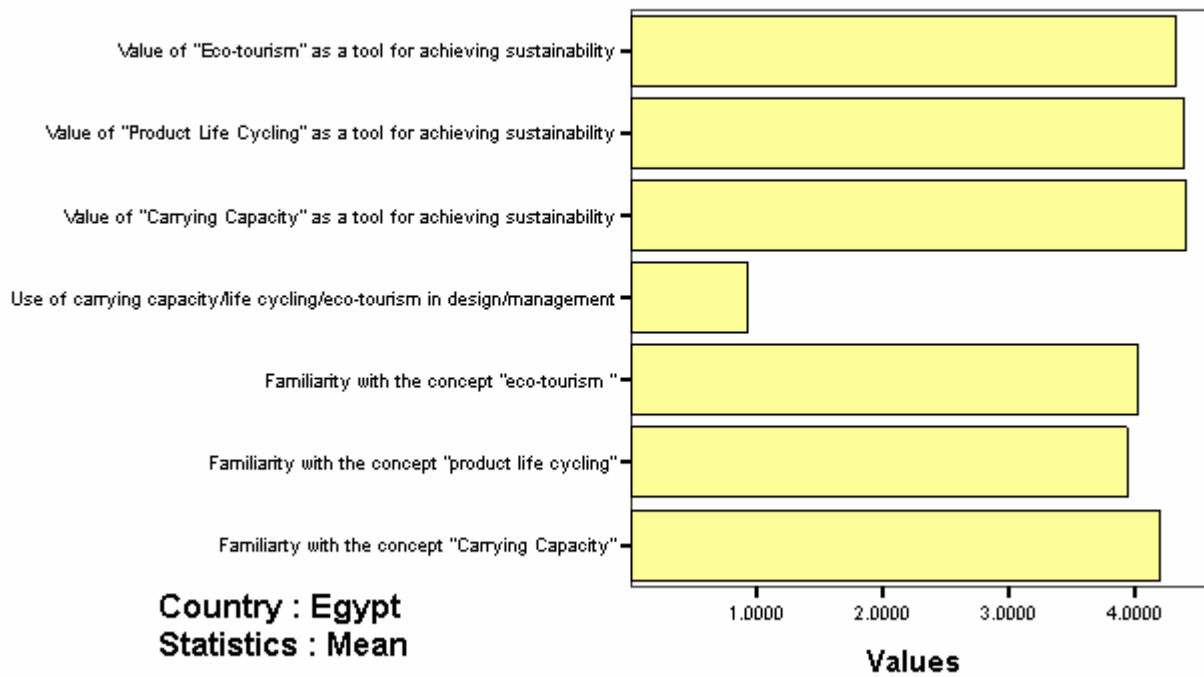
| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|--|---------|-----------------|--------|----------------|--------------------------|
| Landform / topography | USA | .015 | 4.0909 | .9453 | Significant |
| | Egypt | .014 | 4.3607 | .8534 | |
| Soils | USA | .549 | 4.2922 | 1.0782 | not Significant |
| | Egypt | .550 | 4.2131 | 1.1002 | |
| Streams / drainage ways | USA | .152 | 4.1623 | 1.0320 | not Significant |
| | Egypt | .148 | 4.3361 | .9501 | |
| Natural vegetation | USA | .001 | 4.1104 | 1.0069 | Significant |
| | Egypt | .001 | 4.4836 | .8053 | |
| Ground water / wetlands | USA | .324 | 4.3377 | .8872 | not Significant |
| | Egypt | .332 | 4.4508 | 1.0132 | |
| Terrestrial wildlife | USA | .032 | 4.1623 | 1.1574 | Significant |
| | Egypt | .028 | 4.4426 | .9539 | |
| Aquatic wildlife | USA | .000 | 4.2532 | 1.1000 | Significant |
| | Egypt | .000 | 4.7377 | .5270 | |
| Sand dunes | USA | .010 | 4.1558 | 1.0487 | Significant |
| | Egypt | .008 | 4.4508 | .7725 | |
| Ecological integrity | USA | .011 | 4.0649 | 1.1472 | Significant |
| | Egypt | .008 | 4.3852 | .8571 | |
| Air quality | USA | .043 | 4.3961 | .9318 | Significant |
| | Egypt | .040 | 4.6148 | .8277 | |
| Use of passive energy technology | USA | .011 | 3.9740 | 1.0159 | Significant |
| | Egypt | .011 | 4.2869 | 1.0081 | |
| Utilizing site nature and climate characteristic | USA | .133 | 3.9935 | .8517 | not Significant |
| | Egypt | .129 | 3.8443 | .7716 | |

Designers/Managers Believe in the Importance of Elements of The Cultural Environment in the Design/Managment an Environmentally Sensitive and Sustainable Coastal Resort [Q D/M 10. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|---|---------|-----------------|--------|----------------|--------------------------|
| Historic features | USA | .000 | 3.7143 | 1.0829 | Significant |
| | Egypt | .000 | 4.1639 | .8466 | |
| Local social and health service | USA | .012 | 3.8701 | 1.1473 | Significant |
| | Egypt | .010 | 4.1885 | .8845 | |
| Preserving cultural resources | USA | .000 | 3.5000 | 1.0741 | Significant |
| | Egypt | .000 | 4.1885 | .9300 | |
| Preserving local customs and traditions | USA | .000 | 3.4026 | .9601 | Significant |
| | Egypt | .000 | 4.3934 | .9320 | |
| Local architecture | USA | .000 | 3.7857 | .9699 | Significant |
| | Egypt | .000 | 4.3443 | .9161 | |
| Using indigenous building materials | USA | .001 | 3.9740 | .7579 | Significant |
| | Egypt | .002 | 4.3115 | .9455 | |
| Local customs and beliefs | USA | .000 | 3.6688 | 1.0230 | Significant |
| | Egypt | .000 | 4.1393 | .8061 | |
| Providing for spiritual harmony | USA | .000 | 3.4156 | 1.0646 | Significant |
| | Egypt | .000 | 4.0328 | 1.3170 | |

Designers/Managers Familiarity and Believe in the Values of "Carrying Capacity", "Product LifeCycling", and "Eco-tourism" in the Design/Management an Environmentally Sensitive and Sustainable Coastal Resort [Q D/M 20 and 22. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance of Differences |
|--|---------|-----------------|--------|----------------|-----------------------------|
| Familiarity with the concept "Carrying Capacity" | USA | .013 | 3.6047 | 1.6398 | Significant |
| | Egypt | .012 | 4.2000 | 1.3254 | |
| Familiarity with the concept "product life cycling" | USA | .005 | 3.3372 | 1.3161 | Significant |
| | Egypt | .005 | 3.9333 | 1.3390 | |
| Familiarity with the concept "eco-tourism " | USA | .030 | 4.3605 | .7343 | Significant |
| | Egypt | .035 | 4.0267 | 1.1737 | |
| Value of "Carrying Capacity" as a tool for achieving sustainability | USA | .000 | 3.7674 | 1.2240 | Significant |
| | Egypt | .000 | 4.4000 | .9864 | |
| Value of "Product Life Cycling" as a tool for achieving sustainability | USA | .000 | 3.5814 | .7430 | Significant |
| | Egypt | .000 | 4.3867 | .9849 | |
| Value of "Eco-tourism" as a tool for achieving sustainability | USA | .002 | 3.8837 | .8032 | Significant |
| | Egypt | .003 | 4.3200 | .9748 | |



Designers/Managers Believe in the Importance of Elements of The Built-Environment in the Design/Management an Environmentally Sensitive and Sustainable Coastal Resort [Q D/M 13b and 19. Means, Std. Deviation, and (t-test) for USA / Egypt Respondents]

| | Country | Sig. (2-tailed) | Mean | Std. Deviation | Significance Differences |
|--|---------|-----------------|--------|----------------|--------------------------|
| Recycling waste products | USA | .003 | 4.1753 | .9710 | Significant |
| | Egypt | .004 | 4.5328 | 1.0300 | |
| Recycling water | USA | .000 | 4.0325 | 1.1110 | Significant |
| | Egypt | .000 | 4.6311 | .7065 | |
| Use of non-toxic materials | USA | .006 | 4.0649 | .8298 | Significant |
| | Egypt | .006 | 4.3443 | .8309 | |
| Pollution control | USA | .001 | 4.1948 | .9152 | Significant |
| | Egypt | .001 | 4.5492 | .8342 | |
| Traffic and transportation | USA | .003 | 4.1234 | 1.0374 | Significant |
| | Egypt | .002 | 3.7705 | .8410 | |
| Efficient use of resources | USA | .196 | 4.3831 | .9915 | not Significant |
| | Egypt | .191 | 4.5328 | .9016 | |
| Local economy / employment | USA | .142 | 3.8052 | 1.0038 | not Significant |
| | Egypt | .146 | 3.9918 | 1.0947 | |
| The local housing stock | USA | .000 | 3.5974 | 1.1291 | Significant |
| | Egypt | .000 | 4.2951 | .6886 | |
| Encourage less consumptive lifestyle | USA | .000 | 3.4740 | 1.2483 | Significant |
| | Egypt | .000 | 4.1721 | 1.1037 | |
| Satisfying basic human needs in the area | USA | .001 | 3.9805 | 1.1113 | Significant |
| | Egypt | .001 | 4.3934 | .9231 | |
| Beach | USA | .028 | 4.2143 | 1.0904 | Significant |
| | Egypt | .024 | 4.4836 | .8836 | |
| Public participation | USA | .487 | 4.0714 | 1.0548 | not Significant |
| | Egypt | .481 | 4.1557 | .9273 | |
| Maintenance | USA | .560 | 4.3571 | .8979 | not Significant |
| | Egypt | .555 | 4.4180 | .8115 | |
| Quality of facilities services, and activities | USA | .613 | 3.6948 | 1.0806 | not Significant |
| | Egypt | .609 | 3.6311 | .9808 | |

Test of the Collinearity among Carrying Capacity Thresholds [the Correlations Matrix]

| | | Ecological carrying capacity | Social carrying capacity | Psychological carrying capacity | Physical carrying capacity | Economic carrying capacity | Managerial carrying capacity |
|---------------------------------|---------------------|------------------------------|--------------------------|---------------------------------|----------------------------|----------------------------|------------------------------|
| Ecological carrying capacity | Pearson Correlation | 1.000 | .743** | .425** | .183** | .210** | .117 |
| | Sig. (2-tailed) | . | .000 | .000 | .002 | .000 | .053 |
| Social carrying capacity | Pearson Correlation | .743** | 1.000 | .641** | .285** | .301** | .075 |
| | Sig. (2-tailed) | .000 | . | .000 | .000 | .000 | .216 |
| Psychological carrying capacity | Pearson Correlation | .425** | .641** | 1.000 | -.031 | .283** | -.030 |
| | Sig. (2-tailed) | .000 | .000 | . | .613 | .000 | .622 |
| Physical carrying capacity | Pearson Correlation | .183** | .285** | -.031 | 1.000 | .146* | .335** |
| | Sig. (2-tailed) | .002 | .000 | .613 | . | .015 | .000 |
| Economic carrying capacity | Pearson Correlation | .210** | .301** | .283** | .146* | 1.000 | .018 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .015 | . | .766 |
| Managerial carrying capacity | Pearson Correlation | .117 | .075 | -.030 | .385** | .018 | 1.000 |
| | Sig. (2-tailed) | .053 | .216 | .622 | .000 | .766 | . |

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed).

Independent Samples Test (Designers)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|--|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|--------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Effectiveness of laws/regulations in protecting "Cultural Environment" | Equal variances assumed | 25.031 | .000 | -4.347 | 73 | .000 | -1.0427 | .2399 | -1.5208 | -.5647 |
| | Equal variances not assumed | | | -4.479 | 49.936 | .000 | -1.0427 | .2328 | -1.5103 | -.5751 |
| Effectiveness of laws/regulations in protecting "Natural Environment" | Equal variances assumed | 38.731 | .000 | -2.983 | 73 | .004 | -.6709 | .2249 | -1.1192 | -.2227 |
| | Equal variances not assumed | | | -3.068 | 52.204 | .003 | -.6709 | .2187 | -1.1097 | -.2322 |
| Restriction of laws/regulations on designer/manager's ability | Equal variances assumed | 2.065 | .155 | 1.651 | 73 | .103 | .3526 | .2136 | -7.3108E-02 | .7782 |
| | Equal variances not assumed | | | 1.662 | 72.463 | .101 | .3526 | .2121 | -7.0300E-02 | .7754 |

Independent Samples Test (Managers)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|--|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|--------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Effectiveness of laws/regulations in protecting "Cultural Environment" | Equal variances assumed | 6.060 | .016 | 5.045 | 84 | .000 | 1.0049 | .1992 | .6088 | 1.4101 |
| | Equal variances not assumed | | | 5.231 | 80.513 | .000 | 1.0049 | .1921 | .6226 | 1.3372 |
| Effectiveness of laws/regulations in protecting "Natural Environment" | Equal variances assumed | 10.626 | .002 | .694 | 84 | .490 | .1789 | .2580 | -.3340 | .6319 |
| | Equal variances not assumed | | | .719 | 80.453 | .474 | .1789 | .2487 | -.3160 | .6739 |
| Restriction of laws/regulations on designer/manager's ability | Equal variances assumed | 4.963 | .029 | -3.029 | 84 | .003 | -.7507 | .2479 | -1.2436 | -.2578 |
| | Equal variances not assumed | | | -3.118 | 82.668 | .003 | -.7507 | .2408 | -1.2296 | -.2718 |

Independent Samples Test (Manager Q8)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|-------------------------------------|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|-----------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Resort designers/planners | Equal variances assumed | 1.111 | .295 | -.176 | 84 | .861 | -4.0917E-02 | .2324 | -.5031 | .4213 |
| | Equal variances not assumed | | | -.176 | 80.135 | .861 | -4.0917E-02 | .2331 | -.5048 | .4230 |
| Resort managers | Equal variances assumed | 5.333 | .023 | -1.088 | 84 | .280 | -.2160 | .1985 | -.6108 | .1787 |
| | Equal variances not assumed | | | -1.116 | 83.466 | .268 | -.2160 | .1936 | -.6011 | .1690 |
| Resort owners/developers | Equal variances assumed | .315 | .576 | -1.904 | 84 | .060 | -.4845 | .2545 | -.9905 | 2.157E-02 |
| | Equal variances not assumed | | | -1.902 | 80.767 | .061 | -.4845 | .2547 | -.9913 | 2.239E-02 |
| Local residents | Equal variances assumed | .632 | .429 | 7.368 | 84 | .000 | 1.4850 | .2015 | 1.0842 | 1.8858 |
| | Equal variances not assumed | | | 7.329 | 79.209 | .000 | 1.4850 | .2026 | 1.0817 | 1.8883 |
| Resort users | Equal variances assumed | 4.295 | .041 | 1.476 | 84 | .144 | .3219 | .2181 | -.1119 | .7557 |
| | Equal variances not assumed | | | 1.449 | 73.353 | .152 | .3219 | .2222 | -.1209 | .7647 |
| Local government officials | Equal variances assumed | 2.655 | .107 | 5.167 | 84 | .000 | 1.4113 | .2732 | .8681 | 1.9546 |
| | Equal variances not assumed | | | 5.107 | 76.632 | .000 | 1.4113 | .2763 | .8610 | 1.9617 |
| Regional/state government officials | Equal variances assumed | 1.054 | .307 | 3.592 | 84 | .001 | 1.0366 | .2885 | .4628 | 1.6103 |
| | Equal variances not assumed | | | 3.649 | 83.958 | .000 | 1.0366 | .2841 | .4716 | 1.6015 |
| National government officials | Equal variances assumed | .299 | .586 | 2.297 | 84 | .024 | .6956 | .3028 | 9.350E-02 | 1.2977 |
| | Equal variances not assumed | | | 2.294 | 80.555 | .024 | .6956 | .3033 | 9.211E-02 | 1.2990 |

Independent Samples Test (Manager Q17)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|-------------------------------------|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|-----------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Resort designers/planners | Equal variances assumed | .714 | .401 | -1.057 | 84 | .294 | -.2291 | .2168 | -.6603 | .2021 |
| | Equal variances not assumed | | | -1.079 | 83.897 | .284 | -.2291 | .2124 | -.6515 | .1932 |
| Resort managers | Equal variances assumed | 3.567 | .062 | -1.780 | 84 | .079 | -.3781 | .2124 | -.8005 | 4.433E-02 |
| | Equal variances not assumed | | | -1.830 | 82.951 | .071 | -.3781 | .2066 | -.7890 | 3.286E-02 |
| Resort owners/developers | Equal variances assumed | 22.480 | .000 | -1.577 | 84 | .119 | -.3524 | .2235 | -.7969 | 9.206E-02 |
| | Equal variances not assumed | | | -1.659 | 73.597 | .101 | -.3524 | .2125 | -.7758 | 7.094E-02 |
| Local residents | Equal variances assumed | 6.069 | .016 | 1.703 | 84 | .092 | .3933 | .2310 | -6.5949E-02 | .8526 |
| | Equal variances not assumed | | | 1.650 | 66.507 | .104 | .3933 | .2384 | -8.2512E-02 | .8592 |
| Resort users | Equal variances assumed | 14.125 | .000 | -1.874 | 84 | .064 | -.5570 | .2972 | -1.1480 | 3.401E-02 |
| | Equal variances not assumed | | | -1.802 | 62.356 | .076 | -.5570 | .3091 | -1.1749 | 6.084E-02 |
| Local government officials | Equal variances assumed | 10.531 | .002 | -.347 | 84 | .729 | -8.7289E-02 | .2515 | -.5874 | .4128 |
| | Equal variances not assumed | | | -.334 | 62.241 | .740 | -8.7289E-02 | .2616 | -.6102 | .4357 |
| Regional/state government officials | Equal variances assumed | 9.451 | .003 | 1.358 | 84 | .178 | .3677 | .2709 | -.1709 | .9063 |
| | Equal variances not assumed | | | 1.320 | 68.343 | .191 | .3677 | .2786 | -.1882 | .9236 |
| National government officials | Equal variances assumed | 13.998 | .000 | .415 | 84 | .679 | .1200 | .2895 | -.4556 | .6957 |
| | Equal variances not assumed | | | .399 | 62.235 | .692 | .1200 | .3011 | -.4819 | .7220 |

Independent Samples Test (Designers Q17)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|-------------------------------------|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|--------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Resort designers/planners | Equal variances assumed | 26.591 | .000 | .381 | 73 | .704 | 7.479E-02 | .1961 | -.3161 | .4357 |
| | Equal variances not assumed | | | .393 | 51.105 | .696 | 7.479E-02 | .1905 | -.3077 | .4572 |
| Resort managers | Equal variances assumed | 9.871 | .002 | -.343 | 73 | .733 | -5.5556E-02 | .1621 | -.3785 | .2574 |
| | Equal variances not assumed | | | -.352 | 54.423 | .726 | -5.5556E-02 | .1579 | -.3720 | .2509 |
| Resort owners/developers | Equal variances assumed | 40.866 | .000 | -2.858 | 73 | .006 | -.4060 | .1421 | -.6891 | -.1228 |
| | Equal variances not assumed | | | -2.940 | 51.985 | .005 | -.4060 | .1381 | -.6831 | -.1289 |
| Local residents | Equal variances assumed | 44.037 | .000 | 7.047 | 73 | .000 | 1.5769 | .2238 | 1.1309 | 2.0229 |
| | Equal variances not assumed | | | 7.273 | 47.933 | .000 | 1.5769 | .2168 | 1.1410 | 2.0129 |
| Resort users | Equal variances assumed | 6.673 | .012 | 5.239 | 73 | .000 | 1.0812 | .2064 | .6699 | 1.4325 |
| | Equal variances not assumed | | | 5.289 | 71.330 | .000 | 1.0812 | .2044 | .6736 | 1.4388 |
| Local government officials | Equal variances assumed | 10.716 | .002 | -4.480 | 73 | .000 | -1.1047 | .2466 | -1.5961 | -.6133 |
| | Equal variances not assumed | | | -4.544 | 68.020 | .000 | -1.1047 | .2431 | -1.5898 | -.6196 |
| Regional/state government officials | Equal variances assumed | 7.059 | .010 | 6.491 | 73 | .000 | 1.4380 | .2215 | .9965 | 1.8796 |
| | Equal variances not assumed | | | 6.559 | 70.746 | .000 | 1.4380 | .2192 | 1.0008 | 1.8752 |
| National government officials | Equal variances assumed | 1.617 | .208 | 6.269 | 73 | .000 | 1.4594 | .2328 | .9955 | 1.9233 |
| | Equal variances not assumed | | | 6.292 | 72.997 | .000 | 1.4594 | .2320 | .9971 | 1.9217 |

Independent Samples Test (Designers Q8)

| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
|-------------------------------------|-----------------------------|---|------|------------------------------|--------|-----------------|-----------------|-----------------------|---|-----------|
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | | Lower | Upper |
| Resort designers/planners | Equal variances assumed | .688 | .410 | -2.932 | 73 | .004 | -.8248 | .2813 | -1.3854 | -.2641 |
| | Equal variances not assumed | | | -2.944 | 72.977 | .004 | -.8248 | .2802 | -1.3832 | -.2664 |
| Resort managers | Equal variances assumed | .261 | .611 | -1.673 | 73 | .099 | -.3269 | .1954 | -.7164 | 6.254E-02 |
| | Equal variances not assumed | | | -1.684 | 72.478 | .096 | -.3269 | .1941 | -.7138 | 5.999E-02 |
| Resort owners/developers | Equal variances assumed | 17.736 | .000 | 2.204 | 73 | .031 | .3889 | .1765 | 3.719E-02 | .7406 |
| | Equal variances not assumed | | | 2.240 | 65.720 | .028 | .3889 | .1736 | 4.231E-02 | .7355 |
| Local residents | Equal variances assumed | 13.931 | .000 | 8.973 | 73 | .000 | 1.9231 | .2143 | 1.4959 | 2.3502 |
| | Equal variances not assumed | | | 9.117 | 66.333 | .000 | 1.9231 | .2109 | 1.5020 | 2.3442 |
| Resort users | Equal variances assumed | 13.157 | .001 | -1.577 | 73 | .119 | -.2756 | .1747 | -.6239 | 7.261E-02 |
| | Equal variances not assumed | | | -1.600 | 67.797 | .114 | -.2756 | .1722 | -.6194 | 6.810E-02 |
| Local government officials | Equal variances assumed | .538 | .465 | -3.744 | 73 | .000 | -1.0684 | .2854 | -1.6371 | -.4996 |
| | Equal variances not assumed | | | -3.741 | 72.325 | .000 | -1.0684 | .2856 | -1.6376 | -.4992 |
| Regional/state government officials | Equal variances assumed | 1.684 | .199 | -5.877 | 73 | .000 | -1.3632 | .2320 | -1.8255 | -.9009 |
| | Equal variances not assumed | | | -5.882 | 72.719 | .000 | -1.3632 | .2318 | -1.8252 | -.9013 |
| National government officials | Equal variances assumed | .953 | .332 | -7.883 | 73 | .000 | -1.6068 | .2038 | -2.0131 | -1.2006 |
| | Equal variances not assumed | | | -7.955 | 71.469 | .000 | -1.6068 | .2020 | -2.0096 | -1.2041 |

The Importance of Responding to the Natural Environment Measures in Design and Management of Resorts in Egypt and the USA

| | Country | Mean | Std. Deviation |
|-------------------------|---------|--------|----------------|
| Landform / topography | USA | 4.0909 | .9453 |
| | Egypt | 4.3607 | .8534 |
| | Total | 4.2101 | .9142 |
| Soils | USA | 4.2922 | 1.0782 |
| | Egypt | 4.2131 | 1.1002 |
| | Total | 4.2572 | 1.0867 |
| Streams / drainage ways | USA | 4.1623 | 1.0320 |
| | Egypt | 4.3361 | .9501 |
| | Total | 4.2391 | .9986 |
| Natural vegetation | USA | 4.1104 | 1.0069 |
| | Egypt | 4.4836 | .8053 |
| | Total | 4.2754 | .9402 |
| Ground water / wetlands | USA | 4.3377 | .8872 |
| | Egypt | 4.4508 | 1.0132 |
| | Total | 4.3877 | .9449 |
| Terrestrial wildlife | USA | 4.1623 | 1.1574 |
| | Egypt | 4.4426 | .9539 |
| | Total | 4.2862 | 1.0794 |
| Aquatic wildlife | USA | 4.2532 | 1.1000 |
| | Egypt | 4.7377 | .5270 |
| | Total | 4.4674 | .9238 |
| Sand dunes | USA | 4.1558 | 1.0487 |
| | Egypt | 4.4508 | .7725 |
| | Total | 4.2862 | .9465 |
| Beach | USA | 4.2143 | 1.0904 |
| | Egypt | 4.4836 | .8836 |
| | Total | 4.3333 | 1.0114 |

The Importance of Responding to the Cultural Environment Measures in Design and Management of Resorts in Egypt and the USA

| | Country | Mean | Std. Deviation |
|---------------------------------|---------|--------|----------------|
| Historic features | USA | 3.7143 | 1.0829 |
| | Egypt | 4.1639 | .8466 |
| | Total | 3.9130 | 1.0089 |
| Local architecture | USA | 3.7857 | .9699 |
| | Egypt | 4.3443 | .9161 |
| | Total | 4.0326 | .9848 |
| Local customs and beliefs | USA | 3.6688 | 1.0230 |
| | Egypt | 4.1393 | .8061 |
| | Total | 3.8768 | .9607 |
| Local social and health service | USA | 3.8701 | 1.1473 |
| | Egypt | 4.1885 | .8845 |
| | Total | 4.0109 | 1.0496 |
| Local economy / employment | USA | 3.8052 | 1.0038 |
| | Egypt | 3.9918 | 1.0947 |
| | Total | 3.8877 | 1.0471 |
| The local housing stock | USA | 3.5974 | 1.1291 |
| | Egypt | 4.2951 | .6886 |
| | Total | 3.9058 | 1.0190 |