

**TABLE 4**

*Regression Models to Predict Annual Level of Change in Appropriations for the US Environmental Protection Agency 1980-2000*

|   | Environment-Based Model | Management-Based Model | Combined Model |
|---|-------------------------|------------------------|----------------|
| Intercept   | -0.74*                  | 0.27                   | -0.89          |
| Political Party   | 0.74*                   | 0.15                   | 0.74           |
| Environmental Theme   | 1.67*                   |                        | 1.75*          |
| Management Theme  |                         | -0.45                  | 0.84           |
| R2  | 0.21                    | 0.03                   | 0.21           |
| Adjusted R2   | 0.11                    | -0.08                  | 0.05           |
| F ratio >   | 0.151                   | 0.79                   | 0.296          |
| N =   | 19                      | 19                     | 19             |
| *Significant at 0.10<br>**Significant at 0.05<br>***Significant at 0.01 |                         |                        |                |

**TABLE 5**

*Regression Models to Predict Annual Level of Change in Staffing (in FTEs) for the US Environmental Protection Agency 1980-2000*

|   | Environment-Based Model | Management-Based Model | Combined Model |
|---|-------------------------|------------------------|----------------|
| Intercept   | -340.4                  | 500.0                  | -475.8         |
| Political Party   | 497.6**                 | -6.2                   | 497.6*         |
| Environmental Theme   | 1398.8***               |                        | 1480.0***      |
| Management Theme  |                         | -358.0                 | 135.3          |
| R2  | 0.039                   | 0.06                   | 0.39           |
| Adjusted R2   | 0.31                    | -0.05                  | 0.27           |
| F ratio >   | 0.020                   | 0.571                  | 0.052          |
| N =   | 19                      | 19                     | 19             |
| *Significant at 0.10<br>**Significant at 0.05<br>***Significant at 0.01 |                         |                        |                |