**EXHIBIT 1**

### AGREEMENT SUMMARY

1. **Other Contracting Party:**
   - **UNITED STATES GEOLOGICAL SURVEY**

2. **Proposed Action:**
   - [ ] New Contract
   - [ ] Amendment, Number
   - [ ] Renewal
   - [ ] Extension

3. **Document Type (select one):**
   - Joint Funding Agreement

4. **Purpose/Description:**
   Provides $470,000 in County cost share funds to partner with the USGS in the development of a stormwater and climate vulnerability model to evaluate the effects of climate and sea level changes on the water management systems in Broward County and adaptation strategies needed to maintain flood control. This expands on a previous pilot project to now extend the model throughout the entire Urban Broward County area.

5. **Special Provisions (select if applicable):**
   - [ ] Living Wage Program
   - [ ] Workforce Investment Pilot Program
   - [ ] Federal DBE/ACDBE program
   - [ ] CBE Program
   - [ ] SBE Sheltered Market Program
   - [ ] MWBE Program
   - [ ] In-Kind Match Required: $____ or ____%
   - [ ] Cash Match Required: $470,000.00 or ____%

6. **Effective Dates (for new agreements only):**
   - **Start:** 6/12/2018
   - **End:** 6/11/2021

7. **Contract Administrator:**
   - **Name:** Michael Zygnerski
   - **Phone:** 954-519-1450

8. **Contract Type:**
   - [ ] Cost reimbursement
   - [ ] Open-end
   - [ ] Firm fixed price
   - [ ] Time and materials
   - [ ] Performance-based
   - [ ] Other: 

9. **Contract Value (new contracts):**
   - [ ] Actual
   - [ ] Estimated
   - Base amount: $788,000.00
   - Reimbursables
   - Optional Services
   - Total contract value

10. **Payment Method:**
    - [ ] Lump Sum Payment
    - [ ] Milestone or Progress-Based
    - [ ] Scheduled or Time-Based
    - [ ] Other

11. **Payment Terms:**
    Payment based on quarterly invoicing for services performed. Payments are due within 60 days after invoicing period.
    - 2018: $180,000
    - 2019: $180,000
    - 2020: $110,000

12. **Cost Adjustment:**
    - [ ] Not Applicable
    - [ ] CPI or other Index
    - Fixed Percentage: ___%
    - Fixed Amount: $___
    - Actual Cost
    - Other:

13. **Equity Program Participation Summary:**
    a. County established M/WBE, SBE, CBE, DBE or ACDBE participation goal for this action or project: N/A
    b. Contractor-committed M/WBE, SBE, CBE, DBE or ACDBE participation goal planned for this action or project: N/A
    c. M/WBE, SBE, CBE, DBE, DBE or ACDBE participation to date: N/A

14. **Renewal or Extension Terms:**
    **ADDITIONAL OR REDUCED AMOUNTS BY EACH PARTY DURING THE ABOVE PERIOD OR SUCCEEDING PERIODS MAY BE DETERMINED BY MUTUAL AGREEMENT AND SET FORTH IN AN EXCHANGE OF LETTERS BETWEEN PARTIES.**

15. **Termination and Cancellation Provisions:**
    For Cause: EITHER PARTY MAY TERMINATE THIS AGREEMENT UPON 60 DAYS WRITTEN NOTICE TO THE OTHER PARTY IF WORK IS NOT BEING CARRIED ON IN A MUTUALLY SATISFACTORY MANNER.
    For Convenience: AGREEMENT IS SUBJECT TO AVAILABILITY OF APPROPRIATIONS.

16. **Deliverables, milestones or scope of this action:**
    Project scope includes the development of an integrated
surface water/groundwater flow model for evaluating the potential for increased inundation in flood prone regions of Broward, in response to climate and sea-level changes. Project deliverables include quarterly status reports, all model data sets, and a final report on the model results.

| 17. List terms, considerations or deviations from standard county form. | This is an agreement with a State or Federal Agency under which the County is receiving a benefit and, as such, does not include the County's standard agreement provisions. This agreement received final legal review by the County Attorney's Office. |

Rev. 1/1/15