

# INTERNATIONAL ANALYSIS AND WARNING TO SUPPORT DECISION MAKING

## NOTIONAL WORKSHOP AGENDA

### Monday, 18 January

**0830 Registration, refreshments**

**0900 Welcome**

Ministry of Foreign Affairs

Tom Jones (organizer, ASE)

Ray Williamson (organizer, SWF)

**0920 Introduction to the workshop**

Dorin Prunariu (COPUOS briefing and NEO workplan)

Richard Crowther (summary of previous AT 14 and STSC work)

Rusty Schweickart (ASE report and IAWN challenge)

Brian Weeden (workshop scope, organization and objectives)

Sergio Camacho (Follow up AT-14 and STSC work)

**1000 Background Information**

Briefings on the current informal flow of information on NEOs leading to analysis and prediction

Don Yeomans (NEO detection and reporting, invited)

Giovanni Valsecchi (Risk assessment and prediction)

**1045 Break**

**1115 Detailed presentation and discussion of Scenarios**

**Scenario 1:** A 40-meter NEO is discovered 40 days before projected impact (immediate impact; no deflection possibility; heavy interaction with international disaster management community; communication with public)

**Scenario 2a:** 2a: A 150-meter NEO is determined to have > 1 in 50 probability of impact in 15 years via keyhole passage in 8 years (immediate decision required re precision orbit determination and keyhole deflection; communication with public)

**Scenario 2b:** Same NEO and impact, but a > 50% direct impact prediction in 15 years (immediate decision required for direct impact deflection; communication with public)

**Scenario 3:** A 350 meter NEO is determined to have a high probability (>~25%) of direct impact in 40 years. The risk corridor lies primarily over water with no developed space-capable nation threatened (tsunami uncertainty; deflection vs. impact consequences tradeoff; public communication)

**1200 Scenario 1 (3.5 hours)**

**1300 Lunch**

**1430 Scenario 1 continues**

**1530 Break**

**1600 Scenario 1 continues**

**1700 Wrap Scenario 1**

**1730 Adjourn Day 1**

**19:00 Dinner**

## **Tuesday, 19 January**

**0900 Scenario2a (1.5 hours)**

**1030 Break**

**1100 Scenario 2b (1.5 hours)**

**1330 Lunch**

**1500 Wrap Scenario 2a and 2b**

**1530 Scenario 3 (2 hours)**

**1730 Adjourn Day 2**

**1900 Dinner**

## **Wednesday, 20 January**

- 0900** Recap Scenarios
- 0930** Group discussion on lessons learned
- 1030** Break
- 1100** Next Steps, Workshop Report
- 1300** Adjourn
- 1330** Organizers lunch and debrief
- 1330** Lunch others
- 15:00** Free time (possible cultural activity)